

**WEST JEFFERSON HILLS SCHOOL DISTRICT  
SCIENCE & TECHNOLOGY CURRICULUM**

**GRADE KINDERGARTEN**

<p style="text-align: center;"><b>PA Academic Standards</b> Student must be able to do</p>	<p style="text-align: center;"><b>Objective</b> Content or process student will be able to know and do</p>	<p style="text-align: center;"><b>Instructional Methods</b></p>	<p style="text-align: center;"><b>Materials/ Resources</b> Textbooks, trade books, workbooks, software, hardware, etc.</p>	<p style="text-align: center;"><b>*Assessment Procedures</b> *Additional adaptations, modifications, accommodations, and enrichment/ acceleration will be provided per IEP</p>	<p style="text-align: center;"><b>*Additional Learning</b> Opportunities for students who do not meet basic standards *Additional adaptations, modifications, and accommodations will be provided per IEP</p>	<p style="text-align: center;"><b>*Extended Learning</b> Opportunities for students who can go beyond the basic standards. *Additional enrichment/acceleration will be provided per IEP</p>
<p>3.1 Science &amp; Technology 3.1.4. Unifying Themes</p>						
<p>A. Know that natural and human-made objects are made up of parts. Identify and describe what parts make up a system.</p> <ul style="list-style-type: none"> <li>•Identify system parts that are natural and human-made (e.g., ball point pen, simple electrical circuits, plant anatomy).</li> <li>•Describe the purpose of analyzing systems.</li> <li>•Know that technologies include physical technology systems (e.g., construction, manufacturing, transportation), informational systems and biochemical-related systems.</li> </ul>	<ul style="list-style-type: none"> <li>•Students will know that natural objects and human made objects are made up of parts.</li> <li>•Students will understand that trees have identifiable structures.</li> </ul>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Tree trunk rings</li> <li>•Tree and leaf samples</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> <li>•Field trip to the Arboretum</li> </ul>

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<p>B. Know models as useful simplifications of objects or processes.</p> <ul style="list-style-type: none"> <li>• Identify different types of models.</li> <li>• Identify and apply models as tools for prediction and insight.</li> <li>• Apply appropriate simple modeling tools and techniques.</li> <li>• Identify theories that serve as models (e.g., molecules).</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>C. Illustrate patterns that regularly occur and reoccur in nature.</p> <ul style="list-style-type: none"> <li>• Identify observable patterns (e.g., growth patterns in plants, crystal shapes in minerals, climate, structural patterns in bird feathers).</li> <li>• Use knowledge of natural patterns to predict next occurrences (e.g., seasons, leaf patterns, lunar phases).</li> </ul>	<ul style="list-style-type: none"> <li>• Students will observe patterns that occur in nature.</li> <li>• Students will observe trees in the schoolyard.</li> <li>• Students will understand that leaves can be identified by their shapes.</li> <li>• Students will observe seasonal changes in the life of schoolyard trees.</li> <li>• Students will understand that trees are useful to people and animals.</li> <li>• Students will understand the four seasons.</li> <li>• Students will understand daily weather and how it impacts trees.</li> </ul>	<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Art projects</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> <li>• Tree puzzles</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> <li>• Start a scrapbook</li> <li>• Make tree silhouette cards</li> <li>• Go on a mini field trip</li> <li>• Take pictures with a camera</li> <li>• Arboretum</li> <li>• Tree puzzles</li> </ul>

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<p>D. Know that scale is an important attribute of natural and human made objects, events, and phenomena.</p> <ul style="list-style-type: none"> <li>•Identify the use of scale as it relates to the measurement of distance, volume, and mass.</li> <li>•Describe scale as a ration (e.g., map scales).</li> <li>•Explain the importance of scale in producing models and apply it to a model.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> <li>•Art projects</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<b>E. Recognize change in natural and physical systems.</b> <ul style="list-style-type: none"> <li>• Recognize change as fundamental to science and technology concepts.</li> <li>• Examine and explain change by using time and measurement.</li> <li>• Describe relative motion.</li> <li>• Describe the change to objects caused by heat, cold, light, or chemicals.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will recognize change in natural and physical systems.</li> <li>• Students will observe the size, shape, texture, and color of leaves.</li> <li>• Students will observe the structures of twigs, flowers, fruits, seeds, and bark of trees.</li> <li>• Students will gain early experiences that will contribute to their understanding of several persuasive themes that relate one scientific idea to another; structure and change.</li> <li>• Students will understand that objects can be classified by size, shape, color, and texture.</li> </ul>	<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/ projects</li> <li>• Research</li> <li>• Journal</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> <li>• Introduce the geometric shapes</li> <li>• Cut twigs</li> <li>• Tree puzzles</li> <li>• Tree part labels</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> <li>• Make leaf silhouettes and outlines</li> <li>• Make a leaf shape bar graph</li> <li>• Play leaf silhouette game</li> <li>• Match leaf shapes</li> <li>• Go on an evergreen hunt</li> <li>• Measure the circumference</li> <li>• Hang up the trunk circumference strings</li> </ul>

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<p>3.2 Science &amp; Technology 3.2.4 Inquiry &amp; Design</p>						
<p>A. Identify and use the nature of scientific and technological knowledge.</p> <ul style="list-style-type: none"> <li>•Distinguish between a scientific fact and a belief.</li> <li>•Provide clear explanations that account for observations and results.</li> <li>•Relate how new information can change existing perceptions.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>B. Describe objects in the world using the five senses.</p> <ul style="list-style-type: none"> <li>• Recognize observational descriptors from each of the five senses (e.g., see-blue, feel-rough).</li> <li>• Use observations to develop a descriptive vocabulary.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will describe objects using 5 senses.</li> <li>• Students will compare the shapes of leaves to common geometric shapes.</li> <li>• Students will understand that trees are identifiable by their shapes.</li> <li>• Students will use drawings and oral language to describe observations.</li> <li>• Students will develop language associated with trees.</li> <li>• Students will communicate observations and comparisons of schoolyard trees.</li> </ul>	<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> <li>• Visiting adopted trees</li> <li>• Go on a bark hunt</li> <li>• Make tree posters</li> <li>• Try a spatter painting</li> </ul>

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<p>3.2 Science &amp; Technology 3.2.4 Inquiry &amp; Design</p>						
<p>C. Recognize and use the elements of scientific inquiry to solve problems.</p> <ul style="list-style-type: none"> <li>•Generate questions about objects, organisms, an/or events that can be answered through scientific investigations.</li> <li>•Design an investigation.</li> <li>•Conduct an experiment.</li> <li>•State a conclusion that is consistent with the information.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.2 Science &amp; Technology 3.2.4 Inquiry &amp; Design</p>						
<p>D. Recognize and use the technological design process to solve problems.  <ul style="list-style-type: none"> <li>•Recognize and explain basic problems.</li> <li>•Identify possible solutions and their course of action.</li> <li>•Try a solution.</li> <li>•Describe the solution, identify its impacts, and modify if necessary.</li> <li>•Show the steps taken and the results.</li> </ul> </p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.3 Science &amp; Technology 3.3.4 Biological Sciences</p>						
<p>A. Know the similarities and differences of living things.  <ul style="list-style-type: none"> <li>• Identify life processes of living things (e.g., growth, digestion, react to environment).</li> <li>• Know that some organisms have similar external characteristics (e.g., anatomical characteristics; appendages, type of covering, body segments) and that similarities and differences are related to environmental habitat.</li> <li>• Describe basic needs of plants and animals.</li> </ul> </p>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>B. Know that living things are made up of parts that have specific functions.</p> <ul style="list-style-type: none"> <li>• Identify examples of unicellular and multi-cellular organisms.</li> <li>• Determine how different parts of a living thing work together to make the organism function.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.3 Science &amp; Technology 3.3.4 Biological Sciences</p>						
<p>C. Know that characteristics are inherited and, thus, offspring closely resemble their parents. •Identify characteristics for animal and plan survival in different climates. •Identify physical characteristics that appear in both parents and offspring and differ between families, strains, or species.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.3 Science &amp; Technology 3.3.4 Biological Sciences</p>						
<p>D. Identify changes in living things over time. •Compare extinct life forms with living organisms.</p>	<ul style="list-style-type: none"> <li>•Students will identify changes in living things over time.</li> <li>•Students will compare changes in parts of trees through the seasons.</li> <li>•Students will observe the trees throughout the school year to observe the changes that come with the different seasons.</li> <li>•Students will use pictorial experiences to heighten their awareness of the diversity and variety of trees and leaves.</li> <li>•Students will observe that trees are growing, living organisms.</li> <li>•Students will understand that organisms can be grouped based on their characteristics.</li> </ul>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.4 Science &amp; Technology 3.4.4 Physical Science, Chemistry and Physics</p>						
<p>A. Recognize basic concepts about the structure and properties of matter. •Describe properties of matter (e.g., hardness, reactions to simple chemical tests). •Know that combining two or more substances can make new materials with different properties. •Know different material characteristics (e.g., texture, state of matter, solubility).</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.4 Science &amp; Technology 3.4.4 Physical Science, Chemistry and Physics</p>						
<p>B. Know basic energy types, sources, and conversions.</p> <ul style="list-style-type: none"> <li>• Identify energy forms and examples (e.g., sunlight, heat, stored, motion).</li> <li>• Know the concept of the flow of energy by measuring flow through an object or system.</li> <li>• Describe static electricity in terms of attraction, repulsion, and sparks.</li> <li>• Apply knowledge of the basic electrical circuits to design and construct simple direct current circuits.</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>3.4 Science &amp; Technology 3.4.4 Physical Science, Chemistry and Physics</p>						
<ul style="list-style-type: none"> <li>• Classify materials as conductors and nonconductors.</li> <li>• Know and demonstrate the basic properties of heat by producing it in a variety of ways.</li> <li>• Know the characteristics of light (e.g., reflection, refraction, absorption) and use them to produce heat, color, or a virtual image.</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>3.4 Science &amp; Technology 3.4.4 Physical Science, Chemistry and Physics</p>						
<p>C. Observe and describe different types of force and motion.</p> <ul style="list-style-type: none"> <li>•Identify characteristics of sound (pitch, loudness, and echoes).</li> <li>•Recognize forces that attract or repel other objects and demonstrate them.</li> <li>•Describe various types of motions.</li> <li>•Compare the relative movement of objects and describe types of motion that are evident.</li> <li>•Describe the position of an object by locating it relative to another object or the background (e.g., geographic direction, left, up).</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.4 Science &amp; Technology 3.4.4 Physical Science, Chemistry and Physics</p>						
<p>D. Describe the composition and structure of the universe and the earth's place in it.</p> <ul style="list-style-type: none"> <li>•Recognize earth's place in the solar system.</li> <li>•Explain and illustrate the causes of seasonal changes.</li> <li>•Identify planets in our solar system and their general characteristics.</li> </ul> <p>Describe the solar system motions and use them to explain time (e.g., days, seasons), major lunar phases, and eclipses.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.5 Science &amp; Technology 3.5.4 Earth Sciences</p>						
<p>A. Know basic land-forms and earth history.</p> <ul style="list-style-type: none"> <li>• Describe earth processes (e.g., rusting, weathering, erosion) that have affected selected physical features in students' neighborhoods.</li> <li>• Identify various earth structures (e.g., mountains, faults, drainage basins) through the use of models.</li> <li>• Identify the composition of soil as weathered rock and decomposed organic remains.</li> <li>• Describe fossils and the type of environment they lived in (e.g., tropical, aquatic, desert).</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>3.4 Science &amp; Technology 3.4.4 Physical Science, Chemistry and Physics</p>						
<p>B. Know types and uses of earth materials. •Identify uses of various earth materials (e.g., buildings, highways, fuels, growing plants). •Identify and sort earth materials according to a classification key (e.g., soil/rock type).</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>C. Know basic weather elements. •Identify cloud types. •Identify weather patterns from data charts (including temperature, wind direction, and speed, precipitation) and graphs of the data. •Explain how the different seasons affect plants, animals, food availability, and daily human life.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>D. Recognize the earth's different water resources.</p> <ul style="list-style-type: none"> <li>• Know that approximately three-fourths of the earth is covered by water.</li> <li>• Identify and describe types of fresh and salt-water bodies.</li> <li>• Identify examples of water In the form of solid, liquid, and gas on or near the surface of the earth.</li> <li>• Explain and illustrate evaporation and condensation.</li> <li>• Recognize other resources available form water (e.g., energy, transportation, minerals, food).</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.6 Science &amp; Technology 3.6.4 Technology Education</p>						
<p>A. Know that biotechnologies relate to propagating, growing, maintaining, adapting, treating, and converting.</p> <ul style="list-style-type: none"> <li>• Identify agricultural and industrial production processes that involve plants and animals.</li> <li>• Identify waste management treatment processes.</li> <li>• Describe how knowledge of the human body influences or impacts ergonomic design.</li> <li>• Describe how biotechnology has impacted various aspects of daily life (e.g., health care, agriculture, waste treatment).</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>B. Know that information technologies involve encoding, transmitting, receiving, storing, retrieving, and decoding.</p> <ul style="list-style-type: none"> <li>•Identify electronic communication methods that exist in the community (e.g., digital cameras, telephone, internet, television, fiber optics).</li> <li>•Identify graphic reproduction methods.</li> <li>•Describe appropriate image generating techniques (e.g., photography, video).</li> <li>•Demonstrate the ability to communicate an idea by applying basic sketching and drawing techniques.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>C. Know physical technologies of structural design, analysis, and engineering, finance, production, marketing, research, and design.</p> <ul style="list-style-type: none"> <li>•Identify and group a variety of construction tasks.</li> <li>•Identify the major construction systems present in a specific local building.</li> <li>•Identify specific construction systems that depend on a each other in order to complete a project.</li> <li>•Know skills used in construction.</li> <li>•Identify examples of manufactured goods present in the home and school.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<ul style="list-style-type: none"> <li>•Identify basic resources needed to produce a manufactured item.</li> <li>•Identify basic component operations in a specific manufacturing enterprise (e.g., cutting, shaping, attaching).</li> <li>•Identify waste and pollution resulting from a manufacturing enterprise.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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**GRADE KINDERGARTEN**

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<p>3.6 Science &amp; Technology 3.6.4 Technology Education</p>						
<ul style="list-style-type: none"> <li>• Explain and demonstrate the concept of manufacturing (e.g. assemble a set of papers or ball point pens sequentially, mass produce an object).</li> <li>• Identify transportation technologies of propelling, structuring, suspending, guiding, controlling, and supporting.</li> <li>• Identify and experiment with simple machines used in transportation systems.</li> <li>• Explain how improved transportation systems have changed society.</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>3.7 Science &amp; Technology 3.7.4 Technology Devices</p>						
<p>A. Explore the use of basic tools, simple materials, and techniques to safely solve problems. •Describe the scientific principles on which various tools are based. •Group tools and machines by their function. •Select and safely apply appropriate tools and materials to solve simple problems.</p>	<p>•Students will explore the use of basic tools, simple materials, and techniques to safely solve problems.</p>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•String</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.7 Science &amp; Technology 3.7.4 Technology Devices</p>						
<p>B. Select appropriate instruments to study materials.</p> <ul style="list-style-type: none"> <li>• Develop simple skills to measure, record, cut, and fasten.</li> <li>• Explain appropriate instrument selection for specific tasks.</li> </ul>	<ul style="list-style-type: none"> <li>•Students will select appropriate instruments to study materials.</li> </ul>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•String</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.7 Science &amp; Technology 3.7.4 Technology Devices</p>						
<p>C. Identify basic computer operations and concepts.</p> <ul style="list-style-type: none"> <li>• Identify the major parts necessary for a computer to input and output data.</li> <li>• Explain and demonstrate the basic use of input and output devices (e.g., keyboard, monitor, printer, mouse).</li> <li>• Explain and demonstrate the use of external and internal storage devices (e.g., disk drive, CD drive).</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.7 Science &amp; Technology 3.7.4 Technology Devices</p>						
<p>D. Use basic computer software.</p> <ul style="list-style-type: none"> <li>•Apply operating system skills to perform basic computer tasks.</li> <li>•Apply basic word processing skills.</li> <li>•Identify and use simple graphic and presentation graphic materials generated by the computer.</li> <li>•Apply specific instructional software.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.7 Science &amp; Technology 3.7.4 Technology Devices</p>						
<p>E. Identify basic computer communications systems.</p> <ul style="list-style-type: none"> <li>•Apply a web browser.</li> <li>•Apply basic electronic mail functions.</li> <li>•Use on-line searches to answer age appropriate questions.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.8 Science &amp; Technology 3.8.4. Science, Technology, and Human Endeavors</p>						
<p>A. Know that people select, create, and use science and technology and that they are limited by social and physical restraints.</p> <ul style="list-style-type: none"> <li>•Identify and describe positive and negative impacts that influence or result from new tools and techniques.</li> <li>•Identify how physical technology (e.g., construction, manufacturing, transportation), informational technology and biotechnology are used to meet human needs.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.8 Science &amp; Technology 3.8.4. Science, Technology, and Human Endeavors</p>						
<ul style="list-style-type: none"> <li>•Describe how scientific discoveries and technological advancements are related.</li> <li>•Identify interrelationships among technology, people, and their world.</li> <li>•Apply the technological design process to solve a simple problem.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.8 Science &amp; Technology 3.8.4. Science, Technology, and Human Endeavors</p>						
<p>B. Know how human ingenuity and technological resources satisfy specific human needs and improve the quality of life.</p> <ul style="list-style-type: none"> <li>• Identify and distinguish between human needs and improving the quality of life.</li> <li>• Identify and distinguish between natural and human-made resources.</li> <li>• Describe a technological invention and the resources that were used to develop it.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>3.8 Science &amp; Technology 3.8.4. Science, Technology, and Human Endeavors</p>						
<p>C. Know the pros and cons of possible solutions to scientific and technological problems in society.</p> <ul style="list-style-type: none"> <li>• Compare the positive and negative expected and unexpected impacts of technological change.</li> <li>• Identify and discuss examples of technological change in the community that have both positive and negative impacts.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.1 Watersheds and Wetlands 4.1.4 Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Identify various types of water environments. •Identify the lotic system (e.g., creeks, rivers, streams). •Identify the lentic system (e.g., ponds, lakes, swamps).</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.1 Watersheds and Wetlands 4.1.4 Environment &amp; Ecology Grade Kindergarten</p>						
<p>B. Explain the differences between moving and still water. •Explain why water moves or does not move. •Identify types of precipitation.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.1 Watersheds and Wetlands 4.1.4 Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Identify living things found in water environments. •Identify fish, insects, and amphibians that are found in fresh water. •Identify plants found in fresh water.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.1 Watersheds and Wetlands 4.1.4 Environment &amp; Ecology Grade Kindergarten</p>						
<p>D. Identify a wetland and the plants and animals found there.</p> <ul style="list-style-type: none"> <li>• Identify different kinds of wetlands.</li> <li>• Identify plants and animals found in wetlands.</li> <li>• Explain wetlands as habitats for plants and animals.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.1 Watersheds and Wetlands 4.1.4 Environment &amp; Ecology Grade Kindergarten</p>						
<p>E. Recognize the impact of watersheds and wetlands on animals and plants. •Explain the role of watersheds in everyday life. •Identify the role of watersheds and wetlands for plants and animals.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.2 Renewable and Nonrenewable Resources 4.2.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Identify needs of people. •Identify plants, animals, water, air, minerals, and fossil fuels as natural resources. •Explain air, water, and nutrient cycles. •Identify how the environment provides for the needs of people.</p>	<p>•Students will identify the needs of people.</p>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.2 Renewable and Nonrenewable Resources 4.2.4 Environment &amp; Ecology Grade Kindergarten</p>						
<p>B. Identify products derived from natural resources. •Identify products made from trees. •Identify by-products of plants and animals. •Identify the sources of manmade products (e.g., plastics, metal, aluminum, fabrics, paper, cardboard).</p>	<p>•Students will identify products derived from natural resources.</p>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> <li>•Art projects</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Apples</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> <li>•Art projects</li> </ul>

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<p>4.2 Renewable and Nonrenewable Resources 4.2.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Know that some natural resources have limited life spans.</p> <ul style="list-style-type: none"> <li>• Identify renewable and nonrenewable resources used in the local community.</li> <li>• Identify various means of conserving natural resources.</li> <li>• Know that natural resources have varying life spans.</li> </ul>	<p>Students will know that some natural resources have limited life spans.</p>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Apples</li> <li>•Leaves</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.2 Renewable and Nonrenewable Resources 4.2.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>D. Identify by-products and their use of natural resources.</p> <ul style="list-style-type: none"> <li>• Understand the waste stream.</li> <li>• Identify those items that can be recycled and those that cannot.</li> <li>• Identify use of reusable products.</li> <li>• Identify the use of compost, landfills, and incinerators.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.3 Environmental Health 4.3.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Know that plants, animals, and humans are dependent on air and water.</p> <ul style="list-style-type: none"> <li>• Know that all living things need air and water to survive.</li> <li>• Describe potentially dangerous pest controls used in the home.</li> <li>• Identify things that cause sickness when put into the air, water, or soil.</li> <li>• Identify different areas where health can be affected by air, water, or land pollution.</li> <li>• Identify actions that can prevent or reduce waste pollution.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will know that plants, animals, and humans are dependent on air and water.</li> </ul>	<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Create KWL charts</li> <li>• Planting seeds</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Seeds, soil</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>4.3 Environmental Health 4.3.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>B. Identify how human actions affect environmental health.</p> <ul style="list-style-type: none"> <li>• Identify pollutants.</li> <li>• Identify sources of pollution.</li> <li>• Identify litter and its effect on the environment.</li> <li>• Describe how people can reduce pollution.</li> </ul>	<ul style="list-style-type: none"> <li>•Students will identify how human actions affect environmental health.</li> </ul>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Create KWL charts</li> <li>•School yard clean up</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Plastic bags for litter.</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> <li>•Posters</li> </ul>

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<p>4.3 Environmental Health 4.3.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Understand that the elements of natural systems are interdependent.  <ul style="list-style-type: none"> <li>•Identify some of the organisms that live together in an ecosystem.</li> <li>•Understand that the components of a system all play a part in a healthy natural system.</li> <li>•Identify the effects of a healthy environment on the ecosystem.</li> </ul> </p>	<ul style="list-style-type: none"> <li>•Students will understand that the elements of natural systems are interdependent.</li> </ul>	<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.4 Agriculture and Society 4.4.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Know the importance of agriculture to humans.  <ul style="list-style-type: none"> <li>•Identify people’s basic needs.</li> <li>•Explain the influence of agriculture on food, clothing, shelter, and culture form one area to another.</li> <li>•Know how people depend on agriculture.</li> </ul> </p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.4 Agriculture and Society 4.4.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>B. Identify the role of the sciences in Pennsylvania agriculture.</p> <ul style="list-style-type: none"> <li>• Identify common animals found on Pennsylvania farms.</li> <li>• Identify common plants found on Pennsylvania farms.</li> <li>• Identify the parts of important agriculture related plants.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.4 Agriculture and Society 4.4.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Know that food and fiber originate from plants and animals. •Define and identify food and fiber. •Identify agriculture products that are local and regional. •Identify an agricultural product based on its origin.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.4 Agriculture and Society 4.4.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>D. Identify technology and energy use associated with agriculture.</p> <ul style="list-style-type: none"> <li>•Identify the various tools and machinery necessary for farming.</li> <li>•Identify the types of energy used in producing food and fiber.</li> <li>•Identify tools and machinery used in the production of agricultural products.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.5 Integrated Pest Management 4.5.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Know types of pests. • Identify classifications of pests. • Identify and categorize pests. • Know how pests fit into a food chain.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.5 Integrated Pest Management 4.5.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>B. Explain pest control.</p> <ul style="list-style-type: none"> <li>• Know reasons why people control pests.</li> <li>• Identify different methods for controlling specific pests in the home, school, and community.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.5 Integrated Pest Management 4.5.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Understand society’s need for integrated pest management.  <ul style="list-style-type: none"> <li>• Identify integrated pest management practices in the home.</li> <li>• Identify integrated pest management practices outside the home.</li> </ul> </p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.6 Ecosystems and their Interactions 4.6.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Understand that living things are dependent on nonliving things in the environment for survival. Identify and categorize living and nonliving things.</p> <ul style="list-style-type: none"> <li>• Describe the basic needs of an organism.</li> <li>• Identify basic needs of a plant and an animal and explain how their needs are met.</li> <li>• Identify plants and animals with their habitat and food sources.</li> <li>• Identify environmental variables that affect plant growth.</li> <li>• Describe how animals interact with plants to meet their needs for shelter.</li> </ul>	<ul style="list-style-type: none"> <li>• Students will understand that living things are dependent on non-living things in the environment for survival.</li> </ul>	<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Create KWL charts</li> <li>• Seed planting</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Seeds</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>4.6 Ecosystems and their Interactions 4.6.4. Environment &amp; Ecology Grade Kindergarten</p>						
<ul style="list-style-type: none"> <li>•Describe how certain insects interact with soil for their needs.</li> <li>•Understand the components of a food chain.</li> <li>•Identify a local ecosystem and its living and nonliving components.</li> <li>•Identify a simple ecosystem and its living and nonliving components.</li> <li>•Identify common soil textures.</li> <li>•Identify animals that live underground.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>B. Understand the concept of cycles.</p> <ul style="list-style-type: none"> <li>• Explain the water cycle.</li> <li>• Explain the carbon dioxide/oxygen cycle (photosynthesis).</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.6 Ecosystems and their Interactions 4.6.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Identify how ecosystems change over time.</p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.7 Threatened, Endangered and Extinct Species 4.7.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Identify differences in living things.</p> <ul style="list-style-type: none"> <li>• Explain why plants and animals are different colors, shapes, and sizes and how these differences relate to their survival.</li> <li>• Identify characteristics that living things inherit from their parents.</li> <li>• Explain why each of the four elements in a habitat is essential for survival.</li> <li>• Identify local plants or animals and describe their habitats.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>B. Know that adaptations are important for survival.</p> <ul style="list-style-type: none"> <li>• Explain how specific adaptations can help a living organism to survive.</li> <li>• Explain what happens to a living thing when its food, water, shelter, or space is changed.</li> </ul>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.7 Threatened, Endangered and Extinct Species 4.7.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Define and understand extinction.</p> <ul style="list-style-type: none"> <li>• Identify plants and animals that are extinct.</li> <li>• Explain why some plants and animals are extinct.</li> <li>• Know that there are local and state laws regarding plants and animals.</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>4.8 Humans and the Environment 4.8.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Identify the biological requirements of humans. • Explain how a dynamically changing environment provides for sustainability of living systems. • Identify several ways that people use natural resources.</p>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>4.8 Humans and the Environment 4.8.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>B. Know that environmental conditions influence where and how people live.</p> <ul style="list-style-type: none"> <li>• Identify how regional natural resources influence what people use.</li> <li>• Explain the influence of climate on how and where people live.</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>4.8 Humans and the Environment 4.8.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>C. Explain how human activities may change the environment.</p> <ul style="list-style-type: none"> <li>• Identify everyday human activities and how they affect the environment.</li> <li>• Identify examples of how human activities within a community affect the natural environment.</li> </ul>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>

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<p>4.8 Humans and the Environment 4.8.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>D. Know the importance of natural resources in daily life.  <ul style="list-style-type: none"> <li>•Identify items used in daily life that come from natural resources.</li> <li>•Identify ways to conserve our natural resources.</li> <li>•Identify major land uses in the community.</li> </ul> </p>		<ul style="list-style-type: none"> <li>•Hands on activities</li> <li>•Flexible grouping</li> <li>•Mini projects</li> <li>•Direct instruction</li> <li>•Modeling</li> <li>•Guided practice</li> <li>•Independent practice</li> <li>•Graphic organizers</li> <li>•Journals</li> <li>•Outlining</li> <li>•Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>•Equipment kit</li> <li>•FOSS program</li> <li>•Textbook supplements</li> <li>•Computer access</li> <li>•Videos</li> <li>•Teacher assigned activities</li> <li>•World Wide Web</li> <li>•Multi media technology</li> <li>•Research</li> <li>•Transparencies</li> <li>•Posters</li> <li>•Study prints</li> <li>•Library resources</li> <li>•Simulations</li> </ul>	<ul style="list-style-type: none"> <li>•Teacher observation</li> <li>•Checklist</li> <li>•Interviews</li> <li>•Portfolios</li> <li>•Pre/Post unit assessment</li> <li>•Record sheets</li> <li>•Drawings</li> <li>•Class discussions</li> <li>•Student investigation</li> <li>•Homework</li> <li>•Written work</li> <li>•Rubric</li> <li>•Test/Quizzes</li> <li>•Group discussions</li> <li>•Experiment/projects</li> <li>•Research</li> <li>•Journal</li> <li>•Study guides</li> <li>•Notes</li> </ul>	<ul style="list-style-type: none"> <li>•Review</li> <li>•Re-teach</li> <li>•Individual instruction</li> <li>•Small group instruction</li> <li>•Pre-teach</li> <li>•Alternative assignments</li> <li>•Extended time</li> <li>•Re-read</li> <li>•Instructional games</li> <li>•Graphic organizer</li> <li>•Structure study guides</li> <li>•Support resource kit</li> <li>•Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>•Guest Speakers</li> <li>•Field trips</li> <li>•Research</li> <li>•Peer tutoring</li> <li>•Trade books</li> <li>•Computer software</li> <li>•Real-life applications</li> <li>•Projects</li> <li>•Leaf walks</li> <li>•Adopt a tree</li> <li>•School yard walks</li> </ul>

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<p>4.9 Environmental Laws and Regulations 4.9.4. Environment &amp; Ecology Grade Kindergarten</p>						
<p>A. Know that there are laws and regulations for the environment. • Explain how the recycling law impacts the school and home. • Identify and describe the role of a local or state agency that deals with environmental laws and regulations.</p>		<ul style="list-style-type: none"> <li>• Hands on activities</li> <li>• Flexible grouping</li> <li>• Mini projects</li> <li>• Direct instruction</li> <li>• Modeling</li> <li>• Guided practice</li> <li>• Independent practice</li> <li>• Graphic organizers</li> <li>• Journals</li> <li>• Outlining</li> <li>• Create KWL charts</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment kit</li> <li>• FOSS program</li> <li>• Textbook supplements</li> <li>• Computer access</li> <li>• Videos</li> <li>• Teacher assigned activities</li> <li>• World Wide Web</li> <li>• Multi media technology</li> <li>• Research</li> <li>• Transparencies</li> <li>• Posters</li> <li>• Study prints</li> <li>• Library resources</li> <li>• Simulations</li> </ul>	<ul style="list-style-type: none"> <li>• Teacher observation</li> <li>• Checklist</li> <li>• Interviews</li> <li>• Portfolios</li> <li>• Pre/Post unit assessment</li> <li>• Record sheets</li> <li>• Drawings</li> <li>• Class discussions</li> <li>• Student investigation</li> <li>• Homework</li> <li>• Written work</li> <li>• Rubric</li> <li>• Test/Quizzes</li> <li>• Group discussions</li> <li>• Experiment/projects</li> <li>• Research</li> <li>• Journal</li> <li>• Study guides</li> <li>• Notes</li> </ul>	<ul style="list-style-type: none"> <li>• Review</li> <li>• Re-teach</li> <li>• Individual instruction</li> <li>• Small group instruction</li> <li>• Pre-teach</li> <li>• Alternative assignments</li> <li>• Extended time</li> <li>• Re-read</li> <li>• Instructional games</li> <li>• Graphic organizer</li> <li>• Structure study guides</li> <li>• Support resource kit</li> <li>• Flash cards</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Speakers</li> <li>• Field trips</li> <li>• Research</li> <li>• Peer tutoring</li> <li>• Trade books</li> <li>• Computer software</li> <li>• Real-life applications</li> <li>• Projects</li> <li>• Leaf walks</li> <li>• Adopt a tree</li> <li>• School yard walks</li> </ul>