

# **WEST JEFFERSON HILLS SCHOOL DISTRICT TECHNOLOGY GOAL STATEMENT**

## **GRADES K-5**

Technology encompasses the tools and strategies for solving problems, using information, increasing productivity and enhancing personal growth. The technology goal is to help students live, learn, and work successfully and responsibly in an increasingly complex technology-driven society. These technology goals are designed to provide foundational skills and processes that students need in order to work productively and creatively in their studies at work and at home.

Research on the transfer of learning strongly supports the position that instruction and educational activities will closely parallel the final desired behavior. It is essential that technology instruction be an integral part of students' educational experience. The educational role is to help students meet the challenge of the future.

The West Jefferson Hills School District must encourage, assist, and provide all students with the required tools and instruction to enable them to acquire knowledge, develop skills and apply these tools successfully in our world.

The following definition of technology is supported in this goal document: Technology is the application of tools to solve problems that extend human potential for the benefit of society.

1. **Fundamental Operations and Concepts**  
Students understand the operations and function of technology systems and are proficient in the use of technology.
2. **Local, Ethical, and Human Issues**  
Students understand the social, ethical and human issues related to using technology in their daily lives and demonstrate responsible use of technology systems, information, and software.
3. **Technology Productivity Tools**  
Students use technology tools to enhance learning, to increase productivity and creativity, construct technology-enhanced models, prepare publications, and produce other creative works.
4. **Technology Communication Tools**  
Building on productivity tools, students will collaborate, publish, and interact with peers, experts, and other audiences using telecommunications and media.
5. **Technology Research Tools**

Students utilize technology based research tools to locate and collect information pertinent to the task, as well as evaluate and analyze information from a variety of sources.

6. **Technology as a Tool for Problem Solving and Decision Making**  
Students use technology to make and support decisions in the process of solving real world problems.