

# Computer Science Education Curriculum (9-12) Philosophy

The West Jefferson Hills School District computer science education curriculum is based on the belief that every student should become equipped with the knowledge and skills for being successful in post-secondary education and employment in a computer –related environment.

## **Goals of Computer Science Education**

1. Provide students with the knowledge and skills necessary to use and operate a computer and the software necessary for use in everyday life.
2. Apply computer knowledge as a basis for lifelong learning.
3. Provide the students with skills that are utilized and integrated in other curricula.
4. Introduce students to structured problem-solving techniques.