

## **Philosophy for Computer and Information Literacy**

The Computer and Information Literacy Curriculum for Hamilton Township School District has been written to provide computer instruction, access and opportunity for all students in grades kindergarten through grade 8, so that they may become proficient and literate in the use of computers and information literacy. It is the Hamilton Township School District's philosophy that all students will learn the skills necessary to participate fully in a technological society and at the same time learn how technology can help them to achieve academic success.

## **Computer and Information Literacy Overview**

The main focus of Computer and Information Literacy: Standard 8.1 is that "All students will use computer applications to gather and organize information and to solve problems". Using computer applications and technology tools, students will conduct research, solve problems, improve learning, achieve goals, and produce products and presentations in conjunction with standards in all content areas, including career education and consumer family and life skills. They will also develop, locate, summarize, organize, synthesize and evaluate information for life-long learning.

Computer and Information Literacy, which supports information-gathering, information organizing, and problem solving, has become critical for every student whether college or workplace bound. Colleges and employers are now demanding that students and employees possess a broad range of computer and information literacy proficiencies. More and more retail purchasing is being done on-line every year, and all but the most menial of positions now require a significant understanding of computer and information literacy. To ensure that students are computer literate, a separate standard that defines rigorous, in-depth learning is included. The computer and information literacy standard is designed to be integrated and applied in all of the content areas of the New Jersey Core Curriculum Content Standards.

In addition to this, the Hamilton Township School District mathematics and language arts literacy performance indicators that are closely aligned with the New Jersey Core Curriculum Content Standards are integrated throughout this section (Standard 8.1) of the Technological Literacy Curriculum.