

# Bay-Arenac ISD Technology Curriculum Recommended K-12 Courses

## Elementary

The elementary school technology curriculum is based upon a minimum of **45 to 60 minutes** per *week* of technology instruction. The purpose of the curriculum at the elementary level is to explore age appropriate applications and develop technology skills such as keyboarding.

## Middle School

The middle school technology curriculum will build on the skills learned at the elementary level. Students will enter the middle school having met the elementary outcome of being able to type 15-20 words per minute at 90% accuracy. The middle school will integrate typing throughout the curriculum to reinforce these skills. Students will further their knowledge by exploring word processing, multimedia, database, desktop publishing, online telecommunications, and spreadsheets throughout their middle school experience.

**Sixth Grade:** A minimum of **one marking period** of computer technology

**Seventh Grade:** A minimum of **one marking period** of computer technology

**Eighth Grade:** A minimum of **one marking period** of computer technology

**Class time:** **45-60 minutes** *daily*, five times a week

## High School

**One full year of technology should be a minimum requirement for graduation.**

Computer literacy courses:

- An introduction to Word Processing
- An introduction to Spreadsheets
- An introduction to Databases
- An introduction to Presentation Software
- An introduction to Desktop Publishing
- An introduction to the Internet as a Resource

Additional course topics:

- Advanced study in Word Processing
- Advanced study in Spreadsheets
- Advanced study in Databases
- Advanced study in Presentation Software
- Advanced study in Desktop Publishing

- Advanced Study in the Internet and World Wide Web
- Broadcasting
- Computer Aided Design (CAD)
- Digital Design and Editing
- Industrial Technology
- Newspaper
- Programming
- Web Page Design
- Yearbook