

GRADE 8 COMPUTER CURRICULUM

The purpose of the computer curriculum for grade 8 is that students will be able to integrate word processing, spreadsheet, graphic and multimedia programs into real world uses. Also that students use a classroom network to share information. The purpose is also to practice proper typing techniques and to practice grade level skills using available software.

Students will

- practice correct keyboarding techniques
- be able to create a spreadsheet about credit cards using interest formulas
- create a report about computer information using Power Point
- draw, save import and export original graphics, including a company logo
- perform multitasking using two or more programs
- practice file management
- be able to share work over the classroom network
- be able to cut, copy and paste from one document to another document using keyboard shortcuts
- practice English, math, social studies and science skills using grade level software
- learn to play an unknown piece of software and write instructions and an evaluation of the software
- discuss computer ethics
- learn and discuss Internet skills and safety

Materials

- Dell Pentium 4 computers, there is one for each student. Each student computer has a 15 inch monitor, keyboard, mouse and headphones.
- Teacher computer has a 19 inch monitor with speakers

Software

- Type to Learn
- Type for Fun
- Typing Tutor 6
- Microsoft Word
- Microsoft Excel
- Microsoft Power Point
- Multimedia Workshop
- Print Shop
- Math Arena
- Decimal and Fraction Maze
- Concert Tour Entrepreneur
- Smart Games

Instruction

Students come to the computer lab twice a week for 45 minutes and work with the computer teacher. The first 5 or 10 minutes the lesson is explained and the software is demonstrated. Each student then sits at a computer and works on the assignment.

Computer Curriculum K-8 prepared by Shirley Coutu