



Curriculum Overview

Computer

PREKINDERGARTEN TO GRADE 5 OVERVIEW

Elementary students visit our school computer lab weekly for technology lessons and instruction. Students are guided toward developmentally appropriate web-based programs and learning games that support the curriculum. We instruct our students on the responsible use and application of technology. Students develop basic computer skills including: using a mouse, keyboard layout, saving work, and opening and closing programs. We use *typing.com* as a typing tutorial to learn basic keyboarding skills.

Students develop word processing skills including: creating documents, cutting, pasting, formatting, and adding original graphics to their work. Students use technology to reinforce math, reading, and problem-solving skills through the use of interactive software.

MIDDLE SCHOOL OVERVIEW

Grade 6 students have two 40-minute classes each week.
Grade 7 students have four 40-minute classes each week.
Grade 8 students have three 40-minute classes each week.

The goal for each Middle School student is to:

- Reinforce typing and word processing skills
- Demonstrate the ability to create a database and use it to organize and sort information
- Demonstrate the ability to create a spreadsheet using formulas
- Use multi-media software to present a different perspective on varied subjects
- Demonstrate the ability to use a variety of presentation tools
- Use graphic software to learn simple concepts in layout design
- Use computers as a tool to enhance cross-curricular learning in Spanish, Art, Social Studies, Math and English
- Learn coding through a variety of resources
- Learn 3D printing