Computer Technology Curriculum Grade 6 and 7

Susan Rodriguez

6th Grade Curriculum

- Students will learn basic word processing skills using MS Word
- Students will learn to do data collection, create spreadsheet formulas, charts and graphs using MS Excel
- Students will learn desktop publishing skills using MS Publisher

6th Grade Curriculum

- Students will learn to create interactive multimedia presentations using Smart Notebook software
- Students will learn introductory programming skills using Scratch

7th Grade Curriculum

Students will learn to use various collaborative 21st Century Skills

- Moodle
- Google Docs
- Wiki's

7th Grade Curriculum

Students will learn to create Podcasts, Screencasts and Slidecasts

The software that will be used is:

- Audacity
- Jing
- Slideshare

7th Grade Curriculum

Students will learn photo and image editing. They will learn to manipulate and alter digital images using Macromedia Fireworks.

Staff Development Courses

Wiki's in the Classroom (15 hours)

Teachers will learn to:

- Create and edit pages in their own wiki
- Embed video's, animations and slidecasts
- Monitor student work
- Make curriculum accessible to students 24-7

Staff Development Courses

Google Apps and Blogging (15 hours)

Teachers will learn to:

- Create and edit collaborative documents
- Create online surveys and forms
- Create a Blog
- Post assignments on line
- Communicate will students anytime and anywhere

Staff Development Courses

Intel® Teach Program – **Essentials Course** (45 hrs)

- **Learn** effective ways to create assessment tools.
- **Enhance** student's higher-order thinking skills with technology tools and resources incorporated into your existing curriculum.
- **Create** a standards-based unit plan, support materials, and implementation strategies to improve and assess students' 21st century skills.