

Teaching computer skills is part of what we do using technology in the classroom or in computer lab here at the Queen of Heaven School.

Computer Curriculum

Pre-k

We start by learning the parts of a computer and how to use a mouse. We use shape recognition programs, matching games, counting activities and begin to learn letter sounds and phonics.

Kindergarten

Students develop a recognition of the keyboard while they enjoy playing games that help them with phonics and math.

Grades 1-2

We begin with Internet Safety, Digital Citizenship, and learn how to log in and out of programs and devices. We complete word processing assignments and use a variety of programs that integrate all subject areas.

Grade 3

Computer Lab Rules and Overview

We complete a wide variety of Projects using Google Apps for Education.

Topics covered use Technology Integration with all academic subject areas.

Students will become aware of use some or all of the following Google products: Google Search and Google Accessibility; Google Scholar; Google Docs, with its document, spreadsheet, and presentation software; Blogger; Google Earth, Google Maps, and Google Sky; Google SketchUp; Google Groups; Google Reader; Gmail; Picasa; Google Notebook; Google Video, YouTube, and YouTube EDU; Google Sites; Google Calculator; Google News; and Google Books.

Introduction to the Computer

Review the parts of the computer and their functions.

Complete typing lessons using a variety of keyboarding programs.

Internet:

Students will learn about the parts of the Internet, what is a Web Browser, and how to perform a basic Google Search (topic TBD and is typically based on classroom needs).

Digital Presentations: Google Slides

Students will create a slide presentation, publish and present to their peers. (Topic related to Google Search).

Learn the Basics of Coding with Code.org

Grade 4

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Keyboarding

Practice keyboarding and develop speed and accuracy.

Google Drive management and the Internet as a tool for research:

Wading Through the Web via Read. Write. Think.- Introduction to search engines. Create research projects that coincide with their academic curriculum.

Internet Safety:

Students will learn about Cyberbullying and how to respond to various situations.

Grade 5

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Keyboarding

Practice keyboarding and develop speed and accuracy.

Understanding Plagiarism and Internet Copyright Law

Introduction to the topics and then checking understanding with Google forms.

Computer History

Use Brainpop and various websites to introduce The History of Computer Technology. Students will create a History of Computers Timeline.

Computer Hardware

Using online learning tutorials: to research what is inside a computer and create a group slideshow defining various hardware and technological components of the computer.

Technology Career Awareness

Use the Internet to research a career in the technological field and complete a digital worksheet to answer guided questions. Create a presentation about their selected career.

Grade 6

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Keyboarding

Practice keyboarding and develop speed and accuracy.

Internet: History

Introduction to the Internet and World Wide Web using websites and project completions.

Internet: Safety

Cyber Bullying- students will watch videos and have discussions about the dangers of Cyber Bullying. Students will then create a whole-class collaborative slide show sending an important message to the rest of the school.

Internet: Language (code)

Learn the basics of HTML using code.org and learn how to create student Websites using Google Sites and tweaking the platform's existing code.

Grade 7

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Keyboarding

Practice keyboarding and develop speed and accuracy.

Digital Citizenship- complete the online Common Sense Media class for middle school student

Use Google Apps for Tech Readiness Review Google Drive for File Management

Engineering

Create an interactive presentation on the engineering process and engineering careers opportunities.

Career Awareness

Students will get a jumpstart on their futures as they learn how to prepare for and succeed in their future careers. By completing various activities; students learn about professionalism, interview skills, resume writing, workplace ethics, and more.

Grade 8

Computer Lab Rules and Overview

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Keyboarding

Refresher on typing using the advanced keyboarding lessons as a warm-up for the beginning of each class.

Digital Advertising

Learn about the impact that digital media has on our society and create an advertising campaign which includes logo design, posters, brochures, advertisements, and newsletters.

Video Production

Create a "My Life" video and a collaborative 8th grade graduation video. In this lesson students will learn how to scan, download and edit photos using Google video. They will also learn how to edit music and record their voice.

Digital Advertising

Learn about the impact that digital media has on our society and create an advertising campaign which includes logo design, posters, brochures, advertisements, and newsletters.

Video Production

Create a "My Life" video and a collaborative 8th grade graduation video. In this lesson students will learn how to scan, download and edit photos using Google video. They will also learn how to edit music and record their voice.