

Plymouth Elementary School's Mission Statement:

Educating children to become caring, capable citizens and lifelong learners in a global community.

Computers

Philosophy Statement: "Try! Fail! Fix!" Technology is learned by risk taking and guided discovery... we learn best by hands-on exploration.

Kindergarten Experience

Grade One Experience

Grade Two Experience

Overarching Question(s):

How can the computer be used as an effective tool for learning?
How can we explore using technology?

Sampling of Topics of Study:

Basic computer functions, Mousing control, Keyboard recognition, Academic games (online/local), Word processing, Digital art, and Operating systems.

Critical Skills and Standards:

- Turn the computer on and off,
- Use correct care and use of computers,
- Use basic computer vocabulary,
- Become familiar with home row of keys,

Overarching Question(s):

How can the computer be used as an effective tool for learning?
How can we explore using technology?

Sampling of Topics of Study:

Computer's physical components, Use of software, Variety of technology uses, and Keyboard.

Critical Skills and Standards:

Overarching Question(s):

How can the computer be used as an effective tool for learning?
How can we explore using technology?

Sampling of Topics of Study:

Critical Skills and Standards:

<ul style="list-style-type: none"> ● Use mouse to point, click, and drag, ● Use the mouse to pull down menus, ● Recognize letters, ● Open and close programs, ● Find and open programs using icons, ● Use the spacebar, return key, delete key and shift key, ● Move the cursor, ● Recognize numbers, ● Recognize primary words, ● Change fonts, colors, font size, ● Choose graphics and move them, ● Draw and paint with the mouse, ● Use drawing tools to create lines, boxes, and circles, ● Open and close the Network. 		
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Grade Three Experience	Grade Four Experience	Grade Five Experience
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<p>Overarching Question(s):</p> <p>Sampling of Topics of Study:</p> <p>Critical Skills and Standards:</p>	<p>Overarching Question(s): How do the basic operations allow me to use technology in a productive way? How can I communicate and collaborate with my peers using technology? How can students protect themselves and</p>	<p>Overarching Question(s): How do the basic operations allow me to use technology in a productive way? How can I communicate and collaborate with my peers using technology?</p>
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	<p>their equipment from harm?</p> <p>Sampling of Topics of Study: Google Drive Word Processing: Images, Headers, Font, Clipart, Margins, Copy and Paste, Columns, Spellchecker, Text Alignment, Google Drive Presentation: Slides, Transitions, Custom Animations, Record Sounds, Timing, Oral Presentations, Google Drive Spreadsheet: Data Charts, Format Cells, Format Graphs and Charts, and Digital Citizenship: Internet Safety, Search Engines, Plagiarism, Viruses.</p> <p>Critical Skills and Standards:</p> <ul style="list-style-type: none"> ● Demonstrate an understanding of the nature and operation of technology systems. ● Exhibit a proficiency in the use of technology. ● Develop basic skills (alpha numeric and symbol characters) in using keyboard using the touch system. 	<p>How can students protect themselves and their equipment from harm?</p> <p>Sampling of Topics of Study: Desktop, Trash can/recycle bin, CD/DVD drive, Program icon, menu bar, scroll bar, Student folder, Windows Explorer, Cloud drive/C drive/Z drive, Text formats, Printing, Saving, Font, Justification, Spell check.</p> <p>Critical Skills and Standards:</p> <ul style="list-style-type: none"> ● Use technology resources to create original products, identify patterns and problems, make predictions, and propose solutions, ● Work individually and collaboratively to create, display, publish, or perform media-rich products, ● Use interactive technologies in a collaborative group to produce digital presentations or products in a curricular area, ● Communicate with others using electronic telecommunications, with support from teachers and student partners, locate, organize, and ethically use information from a variety of sources and media. ● Access information for specific purposes, and assess the validity of the information source,
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		<ul style="list-style-type: none"> • Demonstrate awareness of the dangers of sharing personal information with others, • Demonstrate proper positioning and use of a keyboard.
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Grade Six Experience	Grade Seven Experience	Grade Eight Experience
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<p>Overarching Question(s):</p> <p>Sampling of Topics of Study:</p> <p>Critical Skills and Standards:</p>	<p>Overarching Question(s):</p> <p>Sampling of Topics of Study: 3-D design tools, Google drive, Essay writing, Format skills, Internet validity,</p> <p>Critical Skills and Standards:</p>	<p>Overarching Question(s):</p> <p>Sampling of Topics of Study:</p> <p>Critical Skills and Standards:</p>
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