

Topic: Introduction to Computers

Days: 5

Subject Area(s): Technology

Grade(s): 9

**Key Learning:** A computer is a complex device that accepts data, processes information, produces results, and stores data for future use.



**Unit Essential Question:** What are the key components of a computer and how are the essential to its operation?

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| <b>Concept:</b><br><b>Basic Operations of a Computer</b>  | <b>Concept:</b><br><b>Hardware</b>  | <b>Concept:</b><br><b>Data Storage</b>   |
| <b>Lesson Essential Questions:</b><br>What do the four basic operations of a computer allow it to do? (A) | <b>Lesson Essential Questions:</b><br>How is information entered into and received from a computer? (A) | <b>Lesson Essential Questions:</b><br>Where can we store data on a computer? (A) |
| <b>Vocabulary:</b><br>Computer, Data  | <b>Vocabulary:</b><br>Software, Hardware, Input Devices, Output Devices, CPU                            | <b>Vocabulary:</b><br>RAM, Storage Devices, Byte                                 |

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| <b>Concept:</b><br><b>Software</b>  | <b>Concept:</b>                    | <b>Concept:</b>                    |
| <b>Lesson Essential Questions:</b><br>How do system software and application software differ? (A)<br><br>How do I select the correct application for a particular task?<br><br>What are the legal restrictions to using software? | <b>Lesson Essential Questions:</b> | <b>Lesson Essential Questions:</b> |
| <b>Vocabulary:</b><br>Operating system, Application Software, Word Processing, Spreadsheet, Database, Presentation, Web Browser   | <b>Vocabulary:</b>                 | <b>Vocabulary:</b>                 |

**Additional Info:**

**Attached Document(s):**