Introduction to Basic Computer Principles

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**Computer Basics Roadmap**

## Hardware and Software

Can you touch it?

## The Computing Paradigm

* Information enters the system,  
  gets processed and leaves.
* There are hardware devices for  
  each step along the way.
* Understand the difference between  
  memory and storage!

**Software: Applications and Operating Systems**

## What happens when you turn on a computer?

* ROM chips begin booting process
* Operating system loads
* Desktop appears and you start using the computer

**Operating System**

**Software**

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**Keyboard**

**Mouse**

**Monitor**

**Printer**

**CPU**

**Storage**

**Memory**

**Processing**

**Output**

**Input**

**Software**

**Hardware**

**Computing**

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Op. Sys.

Microsoft Word

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**Applications**

4 Gigs of RAM

Operating system will always use RAM as you open and close other programs and files

What happens when you turn on a computer?

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