

Introduction to Computer Science

LESSON OBJECTIVES

- Define what computer is.
- Describe the basic components of a CPU
- Describe the roles and purpose of each component of the CPU in computation

Lesson Objective: Define what computer is.

COMPUTER SCIENCE

What Computer is

Which among the words can be used to define computer?

COMPUTER SCIENCE

What Computer is

Which among the words can be used to define computer?

motor

calculations

finding

encrypting

machine

desktop

motherboard

hacking

organizing

tablet

controlling

laptop

electricity

electronic

daughterboard

storing

COMPUTER SCIENCE

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1 Minute

What Computer is

Can you fill-in the missing words for the definition of **Computer**?

an _____ that is used for _____,
_____, and _____ words, numbers, and picture,
for doing _____, and for _____ other machine.

– Cambridge.org dictionary

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What Computer is

Computer is...

an 1 2 that is used for 3,
4, and 5 words, numbers, and picture,
for doing 6, and for 7 other machine.

– Cambridge.org dictionary

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Think it Through

Think, Pair, and Share

- What similarities does computer system have to our human body system parts and structure?
- Could it be possible that the computer has been designed based on us or from the nature around us? Discuss.

Introduction and the CPU

Next LESSON OBJECTIVES

- Describe the basic components of a CPU
- Describe the roles and purpose of each component of the CPU in computation

COMPUTER SCIENCE

- **What is Computer ?**

- **What is Science ?**

- **What is Computer Science ?**

COMPUTER COMPONENTS

- **What are the external parts of the computer?**

- **What are the internal parts of the computer?**

- **What components the Central Processing Unit have?**
