**Objectives**

Label the main components of a personal computer system.

Describe the purpose of each component of a personal computer system.

Collaborate on a presentation about the components of a computer for a new computer user.

List important factors to consider when shopping for a new computer.

Recommend a computer for a person to purchase given a scenario.

Design a computer utilizing the Tiger Direct website.

Support your computer design decisions in writing.

**Grading Requirements**

**Computer Parts activity (50points)**

**Speaker Blog Post (5points)**

**Computer Recommendation (35points)**

**Design a Computer Activity (80points)**

**Quiz (15 points)**

**Total: 185 points**

**Study Guide**

Define *personal computer system*

Define *peripheral device*

Identify and label personal computer parts (see computer components Google presentation)

Explain the main function of personal computer parts (see computer components Google presentation)

Describe how portable computers differ from desktop computers

Describe why RAM is so important

Describe how RAM differs from hard-disk storage

Describe how ROM is different from RAM

Explain what MHz and GHz have to do with computer performance

Explain how the cache size affects performance

Describe the differences between ROM, R, and RW