## **Computer Buying Project**

Choose one of the interviews of buying a new computer to use for this project. Your task is to give them at least 3 options and then give them advice on which one to buy. Your project will be presented to the class.

The final product can have a:

- PowerPoint
- Debate
- Skit
- Videoo
- Other approved product

Your final product should have:

- A title with group members' names
- The questions and responses from the interview chosen
- Computer comparison chart
- Which computer is chosen
- Justification for choosing that computer, including completion of the Computer Components Checklist.
- You should be prepared to answer questions about your choices from other students/teacher.

Example computer comparison chart (more information can be added):

	PC (ex: Dell Inspiron)	Apple (ex: MacBook)	Custom
Laptop or Desktop			
Processor (CPU)			
Operating System			
Memory (RAM)			
Hard Drive (storage)			
Optical Drive			
Monitor or Screen Size			
Video Card			
Sound Card			
Other Accessories			
Cost			

Student Grouping:

You will be in a group of up to 3 students.

## **Computer Components Checklist**

Below are the different components for you to investigate:

- 1. Central Processing Unit
- 2. Operating System
- 3. RAM (Random Access Memory)
- 4. Hard Drive
- 5. CD/DVD Drive
- 6. Monitor
- 7. Video Card
- 8. Sound Card (If Applicable)
- 9. Speakers
- 10. Keyboard/Mouse

For each of the components write down:

The name

- What it is used for?
- What are the different options or sizes for the components?
- Why you included the component in the list of components for the person who is buying the computer?

## Computer Buying Project Sample Rubric

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Group Members Names: (up to 4)

Do you have?	Points Possible	Yes	No	Points Earned
Product				
Title with group members' names	5			
Interview scenario is described	10			
Computer comparison chart with at least 3 options	10			
Chart has specifications of options	5			
Options on chart fit your scenario	10			
Show justification for your computer choice	10			
Your choice fits the scenario	10			
Visuals of your choices (pictures or video of choices)	10			
Computer Components Checklist	5			
Presentation				
Present all required parts of project	10			
All group members participate	5			
Able to answer questions	10			
Extra Credit				
Project exhibits creativity above and beyond	Up to 10			
TOTAL:	100 + 10			

Exploring Computer Science—Unit 1: Human Computer Interaction