Unit 3, Lesson 1 Computer Component Speed Dating

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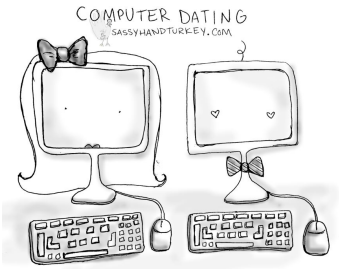
CompuMatch.com

Speed dating for lonely components

This project is designed to be a creative investigation into the structure and function of computer components. Using the theme of a blind speed date, you will personify a computer component (randomly selected). You should have fun and be creative, while remaining true to an accurate understanding of the material at hand.

List of Computer Components:

- Computer Chasis
- Motherboard
- Computer Chip
- Transistors
- Processor
- RAM (Random Access Memory)
- ROM (Read Only Memory)
- Hard Drive
- Solid State Drive
- Optical Drive (CD, DVD, Blue-Ray)
- Bus (look for Computer Bus)
- Flash Memory
- Graphics Card (Video)
- Sound Card (Audio)
- Network Card (Wireless or Wired)
- Ethernet Card (Modem)
- USB Ports



All students will create a dating profile that hits the highlights of your computer component, plus a few "personal details." The profile will be on the front of one 8 ½ x 11 sheet of paper. These should be completed before coming to class on the due date. They should be fun, creative, and informative.

I am looking for the following on your dating profile:

- A selfie - original artwork only
- A theme song (can pick a real song, and change the title to match your theme)
- Pick up line (school appropriate, obviously)
- Trendable hashtag
- Where the computer component can be found (common connections; where inside the computer)
- Function of the computer component to keep the computer functioning properly
- Bad habits we should know about (what happens if your component is defective/missing/etc….common errors) & how to fix those errors

Helpful Resources:

- **Computer Parts & Functions (https://computerinfobits.com/parts-of-computer-and-their-functions/)**
- **What's Inside My Computer (https://fossbytes.com/whats-inside-my-computer-different-components-of-a-computer/)**
- **Common PC Problems (https://www.hongkiat.com/blog/pc-hardware-problems-solutions/)**
- Search for Issues with ____ and fill in with your component name

Students will rotate seats to meet and greet each other in the character of your component. You will have 2-3 minutes to share your info per person before you rotate. You will collect data at each station and then rate the info, creativity, and enthusiasm of each component. At the end, we will vote and celebrate the matches we have found!

BONUS OPPORTUNITY [+10 POINTS]: Dress up like your Computer Component (I mean **REALLY** dress up - not a poster stuck to your chest…get creative!)

Turning it in: Take a picture of your profile page and upload it here to a grade. You will turn in the actual paper to Mrs. Coile after our speed-dating exercise

Below is an example of how you will record and rate each of your matches

Computer Component	Where are they usually located (connections)	Component Function	Errors Caused by Defective/Missing Part	Things in Common with Me	Match Ranking
Computer Chasis					☆☆☆☆☆
Motherboard					☆☆☆☆☆
Computer Chip					☆☆☆☆☆
Transistors					☆☆☆☆☆
Processor					☆☆☆☆☆
RAM (Random Access Memory)					☆☆☆☆☆
ROM (Read Only Memory)					☆☆☆☆☆
Hard Drive					☆☆☆☆☆

Computer Component	Where are they usually located (connections)	Component Function	Errors Caused by Defective/Missing Part	Things in Common with Me	Match Ranking
Solid State Drive					☆☆☆☆☆
Optical Drive					☆☆☆☆☆
Bus					☆☆☆☆☆
Flash Memory					☆☆☆☆☆
Graphics Card (Video)					☆☆☆☆☆
Sound Card (Audio)					☆☆☆☆☆
Network Card (Wireless or Wired)					
Ethernet Card (Modem)					

Points 100

Submitting a file upload

Due	For	Available from	Until
Oct 21, 2022	Everyone	-	-

+ Rubric