

Cell Organelle "Speed Date" Assignment

You have been given a specific organelle that you will represent during an organelle dating game. You will be required to research more details about your specific organelle so that you are prepared for your date. During the date you will meet with 3 other organelles where you will share information that makes you "attractive" as cell part. When your dates are over you will fill out the "Organelle Date Match page" found on the back of this page.

Before your date:

1. You should organize your answers to the following questions on a poster paper given out in class.
 - a. What does your organelle look like?
 - b. Where is it located within the cell?
 - c. What is the function of the organelle?
 - d. Can you compare the organelle to anything?
 - e. How does it function?
 - f. What other organelles do you work well with?
2. You should make up a name tag to help introduce yourself to your fellow organelle potentials.

During the date:

1. Take on the persona of your organelle.
2. When you meet with another organelle you should:
 - Introduce yourselves and shake hands
 - Find out each other's jobs (1 min.)
 - Find a connection between the two of you - how do your jobs relate? (1 min.)
 - Find out how you may work with this organelle to perform a cell's basic functions

After the Date:

1. You will need to complete the "Organelle Date Match page" which will indicate which organelle you choose to be your best match and why. This page will be due the next class.

Organelle Date Match Page

Name: _____ Form: _____

Organelle: _____

1. Which 3 organelles did you meet on your speed date today:
 - a)
 - b)
 - c)

2. Of these 3 organelles what did you have in common with them
 - a)
 - b)
 - c)

3. Which Organelle would you choose as your best match? Explain why.

4. What cell facts did you find interesting during this process.

5. After focussing on a a few organelles explain why you think all organelles need to work together to generate the basic functions of a cell.