

Amoeba Sisters Video Recap: Introduction to Cells

Directions: For each statement, write a "P" if it best applies to **prokaryotes only**, "E" if it best applies to **eukaryotes only**, and "both" if it applies to **both prokaryotes and eukaryotes**.

1. _____ I have a **cell membrane (plasma membrane)**.

2. _____ I have a **nucleus**.

3. _____ **Bacteria** are an example of me.

4. _____ **Fungi** are an example of me.

5. _____ **Animals** are an example of me.

6. _____ I contain **ribosomes**.

7. _____ I contain **membrane-bound organelles**.

8. _____ I contain **cytoplasm**.

9. _____ **Your body cells** are made of this type of cell.

10. _____ **Protists** are an example of me.

11. _____ **Plants** are an example of me.

12. _____ I contain **genetic material** such as **DNA**.

13. The **cell theory** makes several fascinating statements about cells! What are three statements mentioned in the video that are included in the cell theory?



A Tour Inside the Cell!

Let's do a recap of the structures discovered inside the cell after the video tour! Fill in the below chart to help you organize what was visited! Remember there are more functions and structures that you can discover online.

Structure or Organelle on the Tour:	Makes Me Think of... <i>(provide an illustration or analogy!)</i>	Function(s):	*Type of Cell? <i>*Is it in both prokaryotes and eukaryotes? Or just eukaryotes?</i>
Cell Membrane	14.	15.	16.
Cytoplasm	17.	18.	19.
Ribosome	20.	21.	22.
Nucleus	23.	24.	25.
Endoplasmic Reticulum (Rough and Smooth)	26.	27.	28.
Golgi apparatus	29.	30.	31.
Mitochondria (Singular: Mitochondrion)	32.	33.	<i>Eukaryote Cells (in both animal and plant cells)</i>
Cell Wall	34.	35.	36.
Chloroplast	37.	38.	39.
Vacuole	40.	41.	42.

