What are cells made of?

What are the differences between animal and plant cells?

This activity is intended to introduce you to the basic structures of an animal and plant cell. Visit the [Eukaryotic Cell Interactive Animation](http://www.cellsalive.com/cells/cell_model.htm), on the Cells Alive website, where you can look at the picture of an animal cell. Start by choosing "Animal Cell." Click on the organelles to see enlarged views and learn their job descriptions.

NOTE: These are cell MODELS – not specific cells. Their purpose is to introduce you to basic cell structures and their functions.

**Exploring Animal Cells**

Explore the animal cell and answer the following questions: NOTE: I don’t expect you to remember the names of all the organelles. However, I DO expect you to be able to describe some of the special jobs of different parts.

1. What are the different parts of an animal cell?
2. What part of a cell keeps it intact?
3. What do you think some of these cell parts do?

**Exploring Plant Cells**

Now that you have explored an animal cell, go back to the [Eucaryotic Cell Interactive Animation](http://www.cellsalive.com/cells/cell_model.htm%22%20%5Ct%20%22_top) page and choose "Plant Cell" and **answer these questions:**

1. What structures indicate that this is a plant cell, rather than an animal cell?
2. What do these structures do?