

## Science Assignment: Animal Cells

### Build a model of a cell

You will build a model of an animal cell. Your cell can be edible or non-edible.

Your model must include:

- A title showing your model is an animal cell
- The following five organelles: cell membrane, cytoplasm, nucleus , mitochondria, vacuoles
- A label for each organelle. You can write the name of the organelle or number them to be explained in a key. The labels should not cover the organelles. All organelles must be visible.
- A key showing the names of the organelles and their function within the cell.
- Make sure your name is on the model as well as the key.

Many different items can be used for the cell itself such as Styrofoam, Jell-O, shoebox, paper mache, cake mix, modeling clay, etc. Use your imagination! Many household items could be used for the organelles such as hard candies, pipe cleaners, marshmallows, dried pastas, spices, etc. Make sure all items are safe and you have permission to use them.

### Assessment:

You will be assessed on the following outcomes:

- Appearance and effort– Is your project neat and colorful? Did you do your best? 10 points
- All of the organelles are included and labeled. 40 points
- Your model includes a title and your name. 10 points
- Your model includes a key that explains the function of each organelle. 40 points

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