

# Candy Cells

**Purpose:** The students will compare the structures and functions of plant and animal cell organelles and explain why certain types of candy can be used to represent these organelles.

**TEKS:** 7.12D, and E

## Directions:

1. Make Jell-O in baggies the night before. Students should work in groups of 2 to 4 if possible. If jell-o is not an option consider large cookies, or even graham crackers with a layer of frosting on the top.
2. Give the students, or have the students bring from home, a variety of candy to represent different types of organelles.
3. The students will construct a cell from the choices of candy available. You may wish to assign different types of cells to different groups.
  - a. For example:
    - i. Candy sprinkles - ribosome
    - ii. Large marshmallow - nucleus
    - iii. String licorice - Golgi Body
    - iv. Red jelly bean - mitochondria
4. Have the students describe what each type of candy represents and its function.
  - a. Friendly reminders:
    - i. The jell-o or frosting is meant to represent the cytoplasm.
    - ii. The plastic baggie should represent the cell membrane.

