

Osmosis and Diffusion with an Egg Cell Lab

Model Student Lab

Diagrams have been omitted

1. Gather materials for Step 1 of today's experiment.

- 1. 1 raw egg**
- 2. 1 clear plastic cup**
- 3. Sharpie Marker**
- 4. Masking tape**

Label your cup with your name and class. Use the masking tape and Sharpie

2. Make a full observation of your raw egg's characteristics.

The characteristics which make for a full observation are:

- 1. color**
- 2. texture (how it feels and looks)**
- 3. smell**
- 4. how it sounds (shake it gently)**
- 5. its shape**
- 6. its size (measure it with your ruler for length and width in cm)**
- 7. its mass (use the triple beam balance)**
- 8. any other notable characteristics**

Observation:

Color: White with small gray spots

Texture: Very smooth with some small raises and bumps on the top and bottom

Smell: Like a dirty farm of cow manure

Sound: Like a big ball inside of a container when you shake it

Shape: 3d oval

Size: Length: 5.5 cm Width: 4 cm

Mass: 67.5g

Other notable characteristics: It looks like a paintbrush splattered on the raises of the egg because they are scattered everywhere and some are connected.

3. Make a life-sized, detailed, colored drawing of your egg (make it detailed)

