

EGG OSMOSIS

SUPPLIES:

- ❑ 2 Eggs
- ❑ 2 Clear Jars
- ❑ White Vinegar
- ❑ Dark Cola
- ❑ Plastic Wrap
- ❑ 2 Rubberbands
- ❑ Paper & Pencil

1. Gather ingredients together.
2. Fill each jar with liquid of choice covering with plastic wrap and a rubber band on the top of each jar.
3. Have your child make a “Hypothesis” as to what will happen after 3 days.
 - ❑ A Hypothesis is a proposed explanation made on the basis of limited evidence as a starting point for further investigation
4. Observe the changes in each egg over the next 3 days. Write this information down.
5. After 3 days, compare the eggs by removing them one by one.

OPTIONAL

6. Make a video of your child’s final observation of each egg.

NOTE:

- ❑ What does the shell look like? Egg 1 & Egg 2?
- ❑ Break them open, What do the yokes look like?

Osmosis is the process by which water moves across a semi-permeable membrane, from an area where there’s a high concentration of water molecules to an area where there’s a low concentration of water molecules.