

Dear Parents, this week and next, we will be learning about cell processes using a chicken egg as a model. Your child will need to have a container (with a lid) that is large enough to hold an egg covered with vinegar. They will also need 1/8 cup of salt and a squirt or two of food coloring, a piece of yarn and a ruler. If you need assistance with any of these materials, please let me know. We will also have a class egg for students who cannot participate at home. Please have your child record all measurements on a sheet of paper to use in for an class graph.

**Day 1:** Circumference of egg before vinegar, cover egg with vinegar to soak

**Day 2:** Egg soaks in vinegar, leave sit

**Day 3:** Carefully rinse off egg and measure the circumference

Pour out vinegar. Place egg in container and add water to cover, pour 1/8 cup salt into water. Close container and let sit for 2 days.

**Day 5:** Measure circumference of egg

Pour out salt and water, add water to cover, let egg soak for two days

**Day 7:** Measure circumference of egg, add food coloring to water

Soak egg in food coloring for two days

**Day 9:** Measure egg circumference, rinse and then put egg in a substance of your choice for two days. Some examples might be coffee, Gatorade, milk, pop, etc.....

**Day 11:** Measure egg circumference and bring all your measurements to school

