

# Egg Geodes



Grades: 2—6

## Instructions

- 1: Prepare a place to work on your project. It could get messy.
- 2: (Adult) Carefully crack three eggs . Use the eggs to cook something tasty! Rinse your egg shells out. You can also remove the membrane on the inside of the egg, if you wish.
- 3: (Adult) Heat 1/4 cup of water in the microwave until it's not quite boiling.
- 4: Mix in one of your bags of powders. Add food coloring if you wish.
- 5: (Adult) Carefully pour the mixture into an egg shell. Put the egg shell in a safe place where it won't get knocked down or eaten by a pet or toddler.
- 6: Check back every day to watch the liquid evaporate and crystals form!

## Ideas for extension

Consider keeping an observation journal of what's going on with your plants every day.

Does the temperature effect the formation of crystals? What would happen if you let the liquid cool rapidly by putting it in the fridge?

There are other things that will crystallize. We didn't include them because they are not edible. Ask your grown up if you can try making borax or alum egg

## Materials

Bag of Epsom Salt (do not eat)

Bag of Sugar

Bag of Salt

Water\*

Egg Shells (3)\*

Microwave safe jar or cup\*

Spoon\*

Food Coloring\* - optional

\*Not included.

