

# Grade 3

## Week 10

### **CRYSTAL ROCK GARDEN**

A crystal is a three dimensional structure that repeats itself. You can learn how crystals are formed by making a crystal garden.

#### Materials:

aluminum pie plate  
water  
food coloring  
tablespoon

an assortment of rocks  
salt  
measuring cup

#### Procedure:

1. Arrange your rocks in the pie plate.
2. Fill a measuring cup with 1/4 cup of hot tap water.
3. Add 2 tablespoons of salt to the water.
4. Stir the water and salt until dissolved.
5. Add 2-3 drops of blue food coloring to the salt water.
6. Stir.
7. Pour your blue solution over the rocks in the pie plate.
8. Place your rock garden in the sun.
9. Record your observations for a few days.

\*\*Try this same experiment using EPSOM SALT and compare the crystals!  
(HINT: Use red food coloring)