

# Colorful Silicate Garden Demonstration Worksheet

## Discussion Questions

1. Describe how the crystal garden was prepared.
  
  
  
  
  
  
  
  
  
  
2. What color were the crystals formed by each of the salts?
  
  
  
  
  
  
  
  
  
  
3. The metallic ions from the salts combined with the silicate ions to form an insoluble, semipermeable membrane around the salt crystals. Knowing this, what do you think caused the crystals to grow upward?