

# INFORMATION FOR LEADERS

## What You Will Need for Each Activity

Listed below are the materials and preparations you will need for each activity. Most of the materials can be purchased locally. The more difficult-to-find items, such as dissecting needles, can be purchased from Wonderwise. The symbol © indicates that an item can be ordered from the Wonderwise Web site or Destination Education, Inc., the Wonderwise distributor. To purchase supplies, kits, videos, or CD-ROMs contact:

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<b>Activity 1</b> <b>Pollination</b>	<b>Activity 2</b> <b>In Search Of Pollen</b>	<b>Activity 3</b> <b>Medical Mystery</b>	<b>Activity 5</b> <b>Pollen Tracks</b>
<p><b>For the entire group:</b></p> <ul style="list-style-type: none"> <li>© 18-min video <i>Peg Bolick, Pollen Detective</i></li> </ul> <p><b>For each team of 2:</b></p> <ul style="list-style-type: none"> <li>▪ crayons, markers, or colored pencils</li> <li>▪ 2 cotton balls</li> <li>▪ scissors</li> <li>▪ 3 colors of powdered tempera paint in small containers</li> <li>▪ cotton swabs</li> <li>▪ manila folder or lightweight cardboard</li> <li>▪ glue and/or tape</li> </ul>	<p><b>For each team of 2:</b></p> <ul style="list-style-type: none"> <li>© 1 dissecting needle</li> <li>© 1 magnifying lens</li> <li>▪ 1 fresh flower (lily flowers work best; florists sometimes will donate day-old flowers)</li> <li>▪ 1 roll of clear tape</li> <li>▪ 1 piece of cardboard or thick paper</li> </ul>	<p><b>For each team of 2:</b></p> <ul style="list-style-type: none"> <li>▪ 4 colored pencils</li> <li>▪ pen or highlighter marker</li> </ul> <hr/> <p><b>Activity 4</b>  <b>Flower Engineers</b></p> <p><b>For each participant:</b></p> <ul style="list-style-type: none"> <li>▪ construction paper</li> <li>▪ tissue paper</li> <li>▪ scissors</li> <li>▪ glue</li> <li>▪ tape</li> <li>▪ markers</li> <li>▪ pipe cleaners</li> <li>▪ additional art materials of your choice</li> </ul>	<p><b>For each team of 4:</b></p> <ul style="list-style-type: none"> <li>© 4 dissecting needles</li> <li>© 4 plastic pipets or droppers</li> <li>▪ 4 plastic spoons</li> <li>▪ masking tape</li> <li>▪ paper towels</li> <li>▪ 2 pieces of string, each about 35 cm</li> <li>▪ ¼ cup vinegar in a small plastic cup</li> <li>▪ aluminum cake pan 8 x 8 inch filled ¾ full with dry sand and 4 imitation rocks (see recipe at right)</li> </ul> <p><b>Imitation Rock Recipe/Dig Site Preparation</b></p> <p><b>To make the rocks:</b></p> <ul style="list-style-type: none"> <li>© About ½ oz Indian seed beads (2 packets) in the following colors: yellow, white, orange, red, green, blue, and black</li> <li>▪ 1 ½ cups flour</li> <li>▪ ½ cup salt</li> <li>▪ 4 tsp. Alum</li> <li>▪ ¾ cup baking soda</li> <li>▪ 1 cup sand with small gravel</li> <li>▪ ¾ cup water</li> <li>▪ 4-5 drops red, blue and yellow food coloring</li> </ul> <p><i>In a mixing bowl, combine all ingredients and shape into small round "rocks" about the size of a marble. Bake "rocks" on a cookie sheet at the lowest possible temperature setting for 2-3 hours.</i></p> <p><b>To make the dig site:</b></p> <p><i>Once the rocks have cooled, bury four of them in each cake pan, placing them in different sections of the pan. Cover rocks with dry sand, filling each pan ¾ full.</i></p>