

# INFORMATION FOR LEADERS

## What You Will Need for Each Activity

Each youth participant should receive a copy of the activities. 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 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>Activity 2</b>	<b>Activity 3</b>	<b>Activity 4</b>	<b>Activity 5</b>
<b>Meet Cathy</b>	<b>Alike and Different</b>	<b>Mating Game</b>	<b>What Sort?</b>	<b>Inside DNA</b>
<b>For the entire group:</b>	<b>For each team of 2:</b>	<b>For each team of 2:</b>	<b>For each person:</b>	<b>For each team of 2:</b>
<ul style="list-style-type: none"> <li>© 16-min. video <i>Cathy Burson, Genetic Counselor</i></li> <li>▪ video player and television</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2 pencils</li> <li>▪ mirror</li> </ul>	<ul style="list-style-type: none"> <li>▪ scissors</li> <li>▪ pencil</li> <li>▪ crayons, markers, or colored pencils (yellow, orange, and blue)</li> <li>▪ tape or glue</li> </ul>	<ul style="list-style-type: none"> <li>▪ tape</li> <li>▪ scissors</li> <li>▪ colored pencil</li> <li>▪ thread 2 meters long (6 feet)</li> <li>▪ pencil</li> </ul>	<ul style="list-style-type: none"> <li>▪ 6 black licorice pieces, 1 cm (½ in)</li> <li>▪ 6 red licorice pieces, 2 cm (1 in)</li> <li>▪ 6 gumdrops (any 3 color pairs: for example, purple always pairs with green and white always pairs with yellow)</li> </ul>
<b>For each person:</b>		<ul style="list-style-type: none"> <li>▪ 1 copy of <i>Smiley Mother's Genes</i> (p. 16) on colored paper</li> <li>▪ 1 copy of <i>Smiley Father's Genes</i> (p. 17) on different colored paper</li> </ul>	<b>For each team of 3:</b>	<ul style="list-style-type: none"> <li>▪ six 16 cm (6 in) pieces of bead sculpture wire (plastic coated wire) or pipe cleaners</li> </ul>
			<b>Part one</b>	<ul style="list-style-type: none"> <li>▪ 6 toothpicks</li> <li>▪ scissors</li> <li>▪ cm ruler</li> </ul>
			<b>Part two</b>	<ul style="list-style-type: none"> <li>▪ another complete set of licorice, gumdrops, wire, and toothpicks</li> <li>▪ colored pencils or crayons (that match the gumdrop colors)</li> </ul>
			<ul style="list-style-type: none"> <li>▪ 1 copy of <i>Baby's Chromosomes</i> (p. 28)</li> </ul>	