Roller Ball Painting

Visitors will work on color mixing with golf balls and create beautiful paintings.

<table>
<thead>
<tr>
<th>Topics</th>
<th>Process Skills</th>
<th>Age Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Sensory Exploration</td>
<td></td>
</tr>
<tr>
<td>Motion</td>
<td>Cause and Effect</td>
<td></td>
</tr>
<tr>
<td>Gravity</td>
<td>Experimentation</td>
<td></td>
</tr>
</tbody>
</table>

**Supplies**
- Construction Paper
- Golf Balls
- Tempera Paint
- Bowls
- Plastic Spoons
- Tinfoil Trays
- Crayons
- Smocks
- Scissors

**Advanced Preparation**
- Gather Supplies
- Cut construction paper in halves

**Set Up**
- Place appropriate activity sign on table
- Cover table with butcher paper and tape down with masking tape
- Put out 8 tinfoil trays
- Fill bowls with about 1 inch of paint
- Put 2 golf balls each bowl
- Supply cut construction paper
- Supply crayons
- Supply a few spoons
- Supply smocks

**Procedure**
- Put on a smock, this activity can get messy!
- Select a tin tray to work with.
- Find a piece of paper and place it your tin tray.
- Use a spoon to pick up a golf ball from one of the paint bowls and place it with your paper!
- Now roll your ball around and around inside the tray. The motion of the ball will move the paint around.
- When you are finished place your art on a drying rack to dry. When it is ready you may bring it home with you!

**Discussion Questions**

*Explore the children’s knowledge on the subject through open-ended questions.*

**Ask:**
- What kind of marks do the ball and paint make?
- Do you like to make the ball move fast or slow?
- What colors are you using?
- What happens when the colors mix?
Gravity is the force that pulls all objects toward the center of the earth. By moving the tin up and down, an incline plane or slope is created. Gravity pulls the ball down from one side to the other. The paint acts as friction, slowing down the movement of the ball. The more paint there is the slower the ball will move.