

# Teq Lesson Plan Activity

## Painting like Pollock

**Description:** In this lesson students will use the Sphero robot to create Pollock inspired artwork.

### Objectives:

- Students will review shapes and colors.
- Students will have an understanding of what happens when colors are mixed.
- Students will begin to understand coding.
- Students will learn about Jackson Pollock.
- Students will create their own unique piece of art.

### Standards:

**Math CCSS:** Geometric shape awareness and comparing shape attributes.

**ISTE Standard:** Creative Communicator: Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals. 6b: Students create original works or responsibly repurpose or remix digital resources into new creations:

### Materials:

- Large shallow box
- Sphero
- 1:1 device with Sphero edu app loaded
- Tempera paint of various colors
- Sturdy paper or canvas
- Paper towels or baby wipes

### Pre lesson:

In a large, or small group setting lead the children in a discussion on Jackson Pollack. Provide samples of his work. *Ask: Why do you think he painted like this? What did he use to paint? Have you painted with anything other than a paintbrush? If so, tell us about it. How do his paintings make your feel? What do you think they are? What are some things we can paint/create art with?*

Review the basics on how to use the Sphero and the Sphero edu app in draw mode. If needed review shapes and colors.

Allow students to practice driving and using draw mode with Sphero.

### Lesson:

1. After discussing Jackson Pollock and his process for creating art ask the children what some things are, they can use to create art.

*Explain: Today we will be using the Sphero to create some original artwork.*

2. Taking turns have each child pick a color.

3. After the child has chosen a color have him or her dip the Sphero in the paint and draw a shape in the Sphero edu app.

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4. Place the Sphero on the canvas, connect to the robot and send the code to the robot. (You can choose to have each child make their own work of art, or you can make one large group art to display in your classroom.)
5. Repeat until the art is completed, allowing the students to make traditional and abstract shapes using a variety of colors as desired.

## **Discussion:**

- What happened when we mixed colors?
- What happened when we hit the send button?
- How do you think the Sphero knew what to do?
- What happened when the Sphero got stuck?
- What else do you think we can do?
- What other things do you think we can use to create art?

**ELA extension:** Have the student journal about their experience or give a narrative about their artwork.

## **Vocabulary words:**

- Coding
- Programming
- Application
- Abstract
- Expressionist

**Reflect:** Have the students set up an art show to showcase their work.