



**Class Title:** Green Science in Art

**Subjects Covered:** Science and Art

**Teacher Name:** Alyssa Martin

**Class Day:** Monday

**Class Size:** 10

**Overall Class Cost:** \$16

**Individual Student Supply Fee:** \$0

**Class Fee:** \$96

**Ages or color group served:** Green

**What level is this class:** Level 0

**Prerequisites:** NA

## **Graduation Requirements: NA**

## **Homework Requirements: NA**

### **Class Description:**

Let's explore our world through ART! Throughout the class, students will make meaningful connections between art and science as we explore a variety of biology, physics, and earth & space science topics and then bring what they've learned to life. Each lesson will include a short art history lesson featuring famous artists and artworks, an Elements of Art activity, and a hands-on art project. Students will learn, create, and discover how science can inspire art!

### **Week 1:**

#### **Chemistry in ART!**

Art History: Study artwork inspired by scientific discoveries and explore how artists can use science in their creative process.

Elements of Art: Learn about color and how colors can change or interact with different substances.

Art Project: Create a colorful chemistry-inspired artwork using turmeric as a natural pH indicator.

### **Week 2:**

#### **Sun and Moon in ART!**

Art History: Study the Sun Mosaic, Aztec Sun Stone, and Nebra Sky Disk.

Elements of Art: Learn about warm and cool colors, and patterns.

Art Project: Create a double-sided Sun and Moon disc

### **Week 3:**

### Nature in ART!

Art History: Study Leonardo da Vinci's flying machine sketches.

Elements of Art: Learn about geometric/organic shapes and symmetrical design.

Art Project: Create a winged windsock using symmetry.

### **Week 4:**

#### Plants in ART!

Art History: Study two flower sculptures by Yayoi Kusama.

Elements of Art: Learn about geometric/organic shapes, and primary/secondary colors.

Practice Pages: Practice drawing flowers using repeated shapes and patterns.

Art Project: Create a patterned flower

### **Week 5:**

#### Animals in ART!

Art History: Study three animal artworks by Franz Marc.

Elements of Art: Learn about line, shape, and color.

Practice Pages: Practice sketching animals using basic geometric forms.

Art Project: Use crayons and watercolor to paint an animal in its habitat.

### **Week 6:**

#### Seasons & Weather in ART!

Art History: Study three landscape paintings by Vincent van Gogh.

Elements of Art: Learn about warm/cool colors and how to organize space with foreground, middle ground, and background.

Practice Pages: Draw and color seasonal landscapes with weather details.

Art Project: Create a torn paper collage inspired by the seasons.

### **Week 7:**

#### **Recycling in ART!**

Art History: Study three sea creature sculptures created from upcycled plastic.

Elements of Art: Learn about texture and form.

Practice Pages: Draw natural textures using lines, shapes, and colors.

Art Project: Create a collaborative class mural using recycled cardboard and materials.

### **Week 8:**

#### **Music in ART!**

Art History: Study three Cubist artworks featuring musical instruments by Pablo Picasso, Juan Gris, and Marie Blanchard.

Elements of Art: Learn about shapes and basic geometric forms.

Practice Pages: Explore Cubism through drawing forms and puzzle-like activities.

Art Project: Create a guitar sculpture or guitar collage inspired by Pablo Picasso using collage.

### **Week 9:**

#### **Light in ART!**

Art History: Study stained glass windows by Marc Chagall and Romare Bearden.

Elements of Art: Learn about value: the lightness and darkness of a color.

Practice Pages: Explore light and dark through coloring stained glass designs.

Art Project: Create a paper suncatcher using translucent materials or paint a shape window with tints and shades.

### **Week 10:**

#### **Communication in ART!**

Art History: Study abstract artwork by Wassily Kandinsky.

Elements of Art: Learn about expressive lines, shapes, and colors.

Practice Pages: Create abstract art to express different feelings.

Art Project: Build a 3D Kandinsky-inspired paper sculpture

### **Week 11:**

Water Cycle in ART!

Art History: Study how artists and scientists use diagrams and visual art to communicate information about the natural world.

Elements of Art: Learn about color, shape, line, and space while using these elements to create a large collaborative artwork.

Art Project: Work together to color, assemble, and display a large Water Cycle Collaborative Poster demonstrating evaporation, condensation, precipitation, and collection.

### **Week 12:**

Water Cycle in ART Continued

Complete final project to be displayed at Spring Graduation!