

STEM Modules

K-Structure and Function: Exploring Design

Pushes and Pulls

1-Light and Sound

Light: Observing the Sun, Moon, and Stars

2-Materials Science: Properties of Matter

Materials Science: Form and Function

3-Stability and Motion: Science of Flight

Stability and Motion: Forces and Interactions

4-Energy: Collisions

Energy: Conversion

5-Robotics and Automation

Robotics and Automation: Challenge

Art

K-line drawing, paper cutting, painted paper art project, painted paper collage, oil pastel resist drawing, free paint, collage art, liquid watercolor, symmetry, literature connections, self-portrait study, color wheel study, recycled art, pan watercolors.

1-line drawing, paper cuttings, color wheel theory, painted paper & collage, 3D art, painting with liquid watercolor, cultural art, warm and cool colors, literature based art, famous artists, collage, self-portraits.

2-cultural content, torn & cut paper, warm & cool colors, weaving, space, art movement/Impressionism, color & value, form, winter art, stamping & collage, symmetry, famous artist, fantasy art, understanding art & supplies.

3-lines, colors & patterns, primary & secondary colors, space, art movement/Impressionism, cultural arts, stamping, texture, watercolor & line drawing, symmetry, shape portraits, paper art, drawing.

4-drawing with oil pastels, watercolor technique, warm & cool colors, drawing shapes & value, space, art movement/Impressionism, color & value, cultural/historical art, texture, chalk technique, collage/mixed-media, fantasy art, paper art, portraits.

5-paper cutting/artist study, line drawing, warm & cool colors, perspective, national art project, American artists, color & value, form, art history, black history, portraits, watercolor, fantasy art.