

# Valley View Charter Unit 4 & Art Installation

## Mission to Mars

GRADE LEVEL(S)

5

ARTISTIC DISCIPLINE

STEAM

INTEGRATED SUBJECT

Installation Art/  
Photography

TEACHING ARTIST

Tam Helenske

UNIT

4

LESSON TITLE

Mars Photo Art Installation

CONTENT STANDARDS (VAPA + COMMON CORE)

1-6.VA:Cr1.1, 1-6.VA:Cr1.2, 1-6.VA:Cr2.1, 1-6.VA:Cr2.2, 1-6.VA:Cr2.3, 1-6.VA:Re7.1, 1-6.VA:Re7.2, 1-6.VA:Cn10

LEARNING OBJECTIVE

Students will be introduced to the concepts and ideas of presenting and choosing artwork based on content they created individually and as a group. Students are encouraged to bridge complex artistic and scientific ideas and concepts then consciously and comprehensively present their work in an artistic display.

MATERIALS NEEDED

Digital Images from Thermal Exploration taken from Unit loaded into a slide show.

Voting pages

Monitor  
HDMI  
Network connection

WARM-UP AND MAIN ACTIVITY

### Warm-up

Significant works of art will be presented in a slide show. Students will follow the "Practicing looking at art" worksheet in groups. Each art image will be applied to one of the four steps, including "Look, Describe, Think, Connect." Students will discuss their answers and a group representative will share answers. See attachment below

### Main Activity

Voting on IR images

25-30 images will be chosen to present to students in a slide show. Images are labeled, students are given a voting page to mark their answers. Slides are shown several times. Votes will be counted, images will be printed or digitally presented at the art show. (See show details below)

**Closing Activity**

Class photo with IR camera to be printed and displayed in the art show.

**ASSESSMENT**

Students will tie together the images and documentation representing Units 1-4 into an installation art show to be presented at a school wide event.

Students will present their understanding of color theory through a hand/circle project representing warm and cool colors that recede and advance.

Mission to Mars Booklet will display the understanding of the use of a thermal (IR) camera photography to search for water on Mars.

IR images from unit 3 will be chosen from a photographic artistic perspective.

The final art installation will include all the above elements. The art show will support the STEAM connection between searching for water on Mars using color and temperature and artistically tying it together in a photographic art installation.

**TIMELINE UNIT 4****45-50 minute class****Art Installation Event**

A space or room will be chosen to display the Mission to Mars booklets, hand color page and IR camera images. The show will present the culmination of a 4 unit lesson that integrates art and science. The work will be displayed in a visual and contemplative manner supporting the efforts and and creative growth of the of the students, individually and collectively.

# Practice Looking at Art

Engaging with a work of art is a meaningful and lasting experience. This four-step process encourages close looking and careful thinking with any work of art, whether viewed in the Museum, in the classroom, or at home.

## The Four-Step Process

### 1. LOOK

*Take time to look at the work of art.*

- Encourage students to take in the entire work of art, paying close attention to details. Ask the question, "What do you notice?" and encourage students to take inventory of everything they see.
- Instruct students to look at a work of art for 30 seconds, and then to turn around and try to remember everything they observed. When they are looking at the work of art again, ask them about the details that they remember. What did they overlook?

### 2. DESCRIBE

*Talk about what you see in the work of art.*

- Encourage students to describe all of the things that they see. Explore line, shape, color, composition, material, and subject matter.
- Instruct students to use expressive language to describe what they see in detail. For example, instead of saying, "I