

Lesson Plan Title

Erosion Art

Grade Level

4th Grade

Subject Area

Science

MSCCRS

E.4.9C.1 - Analyze and interpret data to describe and predict how natural processes (e.g., weathering, erosion, deposition, earthquakes, tsunamis, hurricanes, or storms) affect Earth's surface.

Art Form

Visual Arts

MSCCR Creative Arts Standards

VA: Pr5.1.4 Develop and refine artistic techniques and work for presentation. ANALYZE

a. Analyze the various considerations for presenting and protecting art in various locations, indoor or outdoor settings, in temporary or permanent forms, and in physical or digital formats.

VA: Re7.1.4 Perceive and analyze artistic work. PERCEIVE

a. Compare responses to a work of art before and after working in similar media

Duration

30-45 minutes

Materials

Andrew Goldsworthy Online Portfolio

Paper, pencils

Outdoor space

Digital camera

Objectives

Students will understand the concept of erosion over time and how changes in weather and time can affect the earth.

Students will explore the idea of line, shape, color, and how the elements are affecting the visual art.

Vocabulary

Erosion

Soil

Weathering

Destructive

Art Vocabulary

Line

Shape

Color

Lesson Description

Step 1: Explore examples of Andrew Goldsworthy's work(Link below) and his artistic process of documenting how art can be transient based on where and how it is created.

Step 2: Explain that students will create a work of art outside using materials they find in their outdoor space, similar to the work of Andrew Goldsworthy. The transient artwork should demonstrate: a. Changes over time b. The process of erosion and c. The physical properties of rocks and minerals.

Step 3: In student groups, move outside and have students explore the materials and create their artwork that demonstrates the above criteria.

Closing: Each group (or the teacher) takes a photograph of their group artwork. Each group presents their work to the class and explains each criteria.

Recommended Resources

<https://www.theartstory.org/artist/goldsworthy-andy/artworks/>

Extended Learning Activities

Students can research the erosion rate of the Grand Canyon.

Sources

Assessment: Critique each presentation on: the use of color/design/ elements, clarity of message, the connection of the art and science.

Author

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