

Stones in Sculpture

Title: Stones used in Sculptures

Curriculum: Integrating Science and Art Standards (Earth Science and Visual Arts)

Grade-Level Span: 8

Purpose: The students will understand why certain stones are useable as media for sculpture and other are not useable.

Description: This presentation will introduce students to different stones that have been used throughout history, both east and west, by sculptors. Consideration is made as to the hardness of appropriate stones. Students will then be asked to make some observations and assessments as to the appropriateness of various stones for use in creating sculptures.

Activities	Science and Visual Arts Standards	MN Academic Standards in Science National Art Standards Performance Objectives
Analysis and Examination of the stones are to their types and hardness.	Earth and Space Science, Grade 8	A. Earth Structure and Processes The student will identify Earth’s composition, structure, and processes. 6. The student will classify and identify rocks and minerals using characteristics including but not limited to density, hardness, and streak.
Reviewing works of sculpture from throughout the world, from various cultures that have used stone as a medium for sculpture.	Visual Arts, Grades 5-8	A. Visual Art Content Standard #1 Understanding and applying media, techniques, and processes. Student select media, techniques, and processes analyze what make them effective or not effective in communicating ideas; and reflect upon the effectiveness of their choices. B. Visual Arts Content Standard #4 Understanding the Visual Arts in relation to history and

		<p>cultures.</p> <p>Students analyze, describe, and demonstrate how factors of time and place (such as climate, resources, ideas, and technology) influence visual characteristics that given meaning and value to a work of art.</p> <p>C. Visual Arts Content Standard #6</p> <p>Making connections between Visual Arts and other disciplines</p> <p>Students describe ways to which the principles and subject matter of other disciplines taught in the school are interrelated with the Visual Arts.</p>

Tools and Resources:

http://artsedge.kennedy-center.org/teach/standards/standards_58.cfm#04

<http://www.intelligentdesignnetwork.org/MNSciStandards121903.pdf>

<http://www.mamasminerals.com/lmrhfrocksid.html>

<http://school.discovery.com/schrockguide/assess.html>

PowerPoint presentation on Stones in Sculpture

Sample of stones used in sculpture

Assessment:

Analysis of A Work of Art : Stones in Sculpture

Teacher Name: **Mr. Gustafson**

Student Name: _____

CATEGORY	4	3	2	1
Stone Identification	The student can identify all rock samples that are appropriate for use in a sculpture.	The student can identify most rock samples that are appropriate for use in a sculpture.	The student can identify some rock samples that are appropriate for use in a sculpture.	The student can not identify rocks samples that are appropriate for use in sculpture
Stone Durability	The student can explain which stones are the most durable for use in sculpture.	The student can explain most stones that are durable for use in sculpture.	The student can explain only a few of the stones that are durable for use in sculpture.	The student can explain which stones are the most durable for use in sculpture.
Stone Usability	The student uses multiple criteria for assessing the usability of the stones as a media for sculpture.	The student uses some criteria for assessing the usability of the stones as a media for sculpture.	The student uses only a few criteria for assessing the usability of the stones as a media for sculpture.	The student does not use criteria for assessing the usability of the stones as a media for sculptures.
Geologic Make-Up	The student understands the geologic make-up of the areas studied as to what stones are used in those areas of the world.	The student understands most of the geologic makeup of the areas studied as to what stones are used in those areas of the world.	The student understands a few of the geologic makeup of the areas studied as to what stones are used in those areas of the world.	The student doesn't understand the geologic makeup of the areas studied and can not identify the stones that are used for sculptures in those areas of the world.

Credits (including contact information):

Comments: