

3-D Discovery

Sixth Grade integrated visit

Behavioral Objective:

Students attending the 3-D Discovery show at the Lubeznik Center for the Arts will analyze sculpture in relation to math, science and language arts.

Learning Objectives:

Students will:

- 1) Recall previous knowledge of shapes and forms
- 2) Tour the 3-D Discovery show
- 3) Make sense of the art form of sculpture in relation to other courses of study.
- 4) Discover how math, geometry and science play an important part in the creation of pieces of sculpture.
- 5) Choose their favorite sculpture, write to express their feelings about the sculpture.

Vocabulary:

Sculpture	Free form/ organic	Museum
Sculptor	Shape	Gallery
Steel	Form	
Concrete	Positive	
Welding	Negative	
Geometric shape	Texture	
Complex geometric Shape	3-dimensional	
Quadrilateral		

Sixth Grade Standards:

Math

Geometry

- 6.4.3 Draw quadrilaterals and triangles from given information about them.
- 6.4.7 Visualize and draw two dimensional views of three-dimensional objects made from rectangular solids.

Science

- 6.3.18 Investigate and describe that when a new material, such as concrete is made by combining two or more materials, it has properties that are different from the original materials.

Language Arts

- 6.5.6 Use various word choices to make writing interesting.
- 6.5.7 Write for different purposes and to a specific audience or person, adjusting tone and style as necessary

Visual Arts

- 6.11.1 Identify a wide variety of professions related to art such as artist and exhibitions.
- 6.12.1 Identify how experiences in galleries, museums, movie theatres and other arts-related establishments affect daily life.
- 6.14.1 Analyze how two or more art forms are used together to communicate ideas.

