Time Is Ticking

7–8

Essential Question

How did cultures in the past tell time?

Learning Objective

Students will learn that they can use clay to create analog radial symmetrical clock form with functionality.

Linked Assessment Outcomes

- Students will create a clay clock that demonstrates indicators of an analog concept such as adding numbers, dots, etc.
- Students will synthesize the techniques i.e. stamping, incising, and embellishing that coincides with radial symmetry when creating their clocks.
- Students will incorporate a central opening that will add functionality using a clock mechanism.

Vocabulary

Radial Symmetry: Symmetry around a central axis, as in a starfish or a tulip flower.
Analog Clock: The numbers shown from 1 to 12 by small and big hands that spin around.
Clockwise: Is the direction in which the clock is moving.
Digital Clock: The number are shown with the exact time.
Clock mechanism: Used to make the clock function.

Guided Discussion

How did cultures of the past tell time?
What is the difference between an analogy clock and a digital clock?
What is radial symmetry?
Is your clock still consider radial symmetrical if the design of your clock is not circular?

New York Visual Arts Content Standard Connections

2nd VA: Cr1.2.2a Make art or design with various materials and tools to explore personal interests, questions, and curiosity

New York Cross Content Connection Math Standards

2nd.MD. C.7 Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.

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