



National Standards Alignment for 79821 Shadow Box Theater Exploration

Next Generation Science Standards

Waves and Their Applications in Technologies for Information Transfer

1-PS4-2 Make observations to construct an evidencebased account that objects in darkness can be seen only when illuminated.

1-PS4-3 Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.

Engineering Design

K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.

K-2-ETS1-2 Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.

K-2-ETS1-3 Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.

Science and Engineering Practices: 2, 3, 4

CCSS Mathematics

Measurement and Data

1.MD.A.2 Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps.

Geometry

1.G.A.1 Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.

1.G.A.2 Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.

Standards for Mathematical Practices: 1, 4

CCSS English Language Arts

Reading: Informational Text

RI.1.2 Describe the connection between two individuals, events, ideas, or pieces of information in a text.

Writing

W.1.1 Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply a reason for the opinion, and provide some sense of closure.

W.1.7 Participate in shared research and writing projects (e.g., explore a number of how-to” books on a given topic and use them to write a sequence of instructions.)

Speaking & Listening

SL.1.1 Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

Additional Searchable Correlations at hand2mind.com/resources/correlations
For support call 844.426.2233