

# INTERDISCIPLINARY LITERACY PRACTICES

GRADE 1  
SCIENCE

*In Action*

High-Quality Instructional Resource:

**Amplify** Science

## *Kentucky Academic Standards for Science:*

**RI.1.1** With prompting and support, ask and answer explicit questions about key concepts and details, and make and support logical inferences to construct meaning from the text.

**RI.1.3** With prompting and support, identify the connection between individuals, events, ideas or pieces of information over the course of a text.

**RI.1.7** Use the visuals and details in a text to describe its key ideas.

**L.1.4** Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 1 reading and content, choosing flexibly from an array of strategies.

**01-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.

**Cross Cutting Concepts:** Cause and Effect

## Interdisciplinary Literacy Practices Featured in This Video:

- ILP 1** Recognize that text is anything that communicates a message.
- ILP 2** Employ, develop and refine schema to understand and create text.
- ILP 3** View literacy experiences as transactional, interdisciplinary and transformational.
- ILP 4** Utilize receptive and expressive language arts to better understand self, others and the world.
- ILP 5** Apply strategic practices, with scaffolding and then independently, to approach new literacy tasks.
- ILP 6** Collaborate with others to create new meaning.
- ILP 8** Engage in specialized, discipline-specific literacy practices.
- ILP 9** Apply high level cognitive processes to think deeply and critically about text.

## Lesson Opening:

Engage students by revisiting the previous day's exploration of light.

## Lesson Procedures:

- Read aloud *What Made This Shadow?* by Chloë Delafield.
- Ask and answer text-dependent questions throughout read aloud.
- Discuss what causes shadows.
- Determine **cause-and-effect** relationships of shadows through a card sort.

## Lesson Closing:

Writing to Demonstrate Learning:  
What causes a shadow?  
Students describe the **cause-and-effect** relationship in one of the set of cards from the lesson sort using academic- and domain-specific vocabulary.



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**EDUCATION**