

Spark, Shine, Glow!

What A Light Show

A RIF GUIDE FOR FAMILIES

Themes: Light, STEM

Book Brief: Light is everywhere: from the shining sun to a bright light bulb to a glowing firefly. Where would we be without light?

Author:

Lola M. Schaefer

Illustrator:

James Yang



TIME TO READ!



Before: Read the title of the story and look at the cover. Ask your child what they think will happen in the story.

During: As you read, ask, “How does light appear on this page?”

After, ask questions:

- How does light help you?
- What are some of the types of light from this book that we can see at home?
- How do you think a rainbow forms? Use the pictures to help explain your thinking.

INTENTIONAL TALK

As a child develops **Story Awareness**, they learn how a story is organized, how it sounds when it is read, and gain new vocabulary through repeated readings with adults. This story is written in

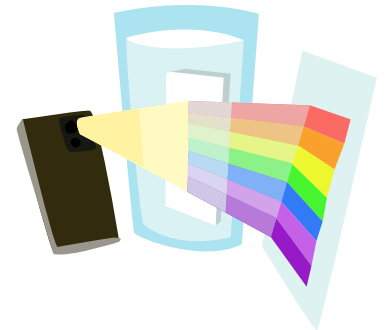
rhyming text. As you read the book again and again, point out the rhyming text and repeat the rhyming words to showcase the similar ending sounds in rhymes.

RELATED ACTIVITIES

Rainbow Refraction Activity

Materials: small mirror, clear glass, water, flashlight, white paper

This book introduces the concept of refracting light to create a rainbow. When light travels from air to water, it bends or refracts. Different colors of light bend at slightly different angles to create a rainbow. Use this activity to help your child explore how refraction creates a rainbow. Fill a glass with water, place a small mirror inside at an angle, and shine a flashlight onto the mirror while holding a white piece of paper behind the glass. Ask your child what they notice and why they think the rainbow appears on the paper. The light reflecting off the mirror through the water will create a visible rainbow on the paper, showing how light bends, or refracts.



ADDITIONAL RESOURCES



OTHER BOOKS BY LOLA M. SCHAEFER

- [Hands-On Science Motion \(2024\)](#)
- [Hands-On Science Matter \(2017\)](#)
- [Lift, Mix, Fling! Machines Can Do Anything \(2022\)](#)