Amplify. TEXAS
ELEMENTARY LITERACY PROGRAM

Welcome!

Grade 3, Unit 5
Flash, Bang, Boom!
Exploring Light and Sound

In this unit, students will learn about the properties of light and sound.

What's the story?

Students will build on what they previously learned about the **five senses** and the human body, focusing on the **senses of seeing and hearing**. Students will be introduced to this content through a narrative story about two old friends, Samuel and Jack, who are losing their sight and hearing.

What will my student learn?

Students will learn **how light** and **sound travel in waves** and how light and sound can be manipulated by various instruments.

In this unit, students will **respond to texts** they have read, **conduct research**, and **take and organize notes**. As part of their final writing task, they will **plan**, **draft, revise, edit**, and **publish a newspaper article**.

Conversation starters

Ask your student questions about the unit to promote discussion and continued learning:

1. What are some sources of light?
   Follow up: What would Earth be like without the light from the sun? What would it be like without the heat energy from the sun?
2. What are some things that are transparent?
3. What causes light to reflect off water, glass, and other smooth and shiny objects?
   Follow up: What are some things in our home that are reflective?
4. What happens to light when it encounters a translucent object?
   Follow up: What are some examples of translucent things?
5. Explain the difference between convex and concave.
   Follow up: How do scientists use convex lenses? What are concave lenses used for?