

# Thunderstorms

Grade 4

Science

Unit 6: Planet Earth and Its Moon  
Louisiana Comprehensive Curriculum

## Unit Description

In this unit we will learn the ingredients needed to produce a thunderstorm. We will explore the life cycle of thunderstorms and identify products of severe thunderstorms. To conclude we will look at safety measures to apply when encountering hazards produced by severe thunderstorms.

## Student Understandings

Students will be able to identify the necessary ingredients for thunderstorm formation. Students will also be able to explain the concept of instability and life cycle of the thunderstorm cell. Discuss the different types of thunderstorms hazards and safety procedures.

## Guiding Questions

1. Can students identify ingredients needed for thunderstorms?
2. Can students define and explain the thunderstorm life cycles?
3. Can students recognize hazards of thunderstorms?
4. Can students relay safety procedures for thunderstorm hazards?

## Unit 6 Grade-Level Expectations (GLEs)

Earth and Space Science	
57.	Explain how unequal heating of Earth's land and water affects climate and weather by using a model (ESS-E-A2)
60.	Identify various types of weather-related natural hazards and effects (e.g., lightning, storms) (ESS-E-A4)
61.	Identify safety measures applicable to natural hazards (ESS-E-A4)