



LIGHTNING

When
Thunder
Roars,
Go Indoors!



Why the focus on lightning?

In the United States alone, there are over 25 million lightning flashes per year.

Nearly 100 deaths from lightning occur every year.

About 500 people are injured.



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Why study lightning?

It is a natural occurrence of one of the fundamental physical forces.

It helps students to understand other aspects of electromagnetic forces.

Knowing about lightning can help keep students safe.



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A small icon of a white lightning bolt striking a grey cloud, positioned to the right of the text.

Science: What is Lightning?

K-2: Lesson Plan 1

Make a Thunderstorm

[Balloons & Static Electricity](#)

3-5: Lesson Plan 1

Lemon Electricity

Leyden Jar



LIGHTNING



Science: What is Lightning?

6-8: Lesson Plan 1

The Charge Carrier

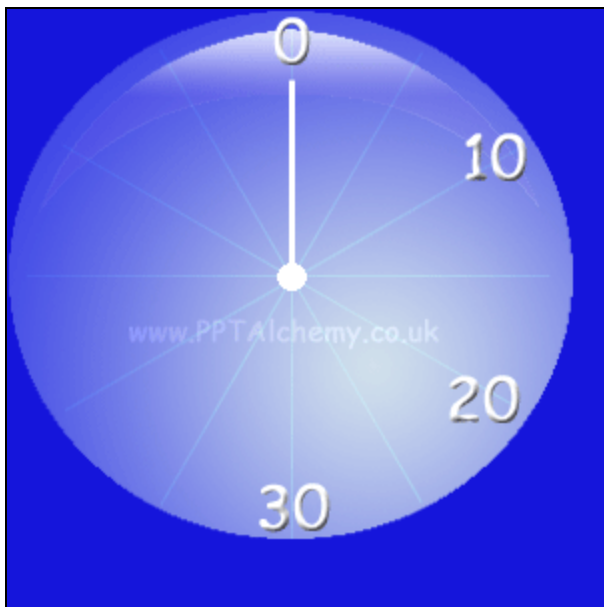


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A small icon in the top right corner showing a white lightning bolt striking a grey cloud against a blue background.

Lightning Safety: Flash-to-Bang Interval



Sound travels 1 mile in approximately 5 seconds.

Approaching Storms:
Take Cover!



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Thunder Rule for Lightning Safety



When Thunder Roars, Go Indoors!

STOP all activities.

Seek shelter in a substantial building
or hard-topped vehicle.

Wait 30 minutes after storm to
resume activities.

 www.lightningsafety.noaa.gov 



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A small icon of a white lightning bolt striking a white cloud, positioned to the right of the text.

Thunder Rule for Lightning Safety

MoD Lightning Safety Modules help students and their families to learn and obey the Thunder Rule.

Create a Lightning Safety IQ Test

[Lightning "JeParty"](#)