

Science Aligned

# STORM CHASING



## VIRTUAL field trip

## What Are Tornadoes?

A tornado is a powerful storm usually produced during a thunderstorm. Because a tornado is made of wind, it can be very hard to see until it forms itself into a funnel shape. Inside the funnel shape is dust, water, and debris picked up by the tornado.

Tornadoes travel very fast (up to 300 miles per hour!) and can cause a lot of damage and destruction. Meteorologists, or people who study weather, rank tornadoes by their size and strength using a special scale called the EF-Scale.

In the United States, tornadoes occur most frequently during the spring and summer. Tornadoes are most common in the Midwest and South Central portions of the United States, because this is where cold fronts and warm fronts usually meet. The meeting of a cold front and a warm front is the perfect recipe for a tornado.



Click on the photo to watch a tornado form!



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# WEATHER PHENOMENA

Learn about various atmospheric conditions and events that occur in the Earth's atmosphere.

WINTER

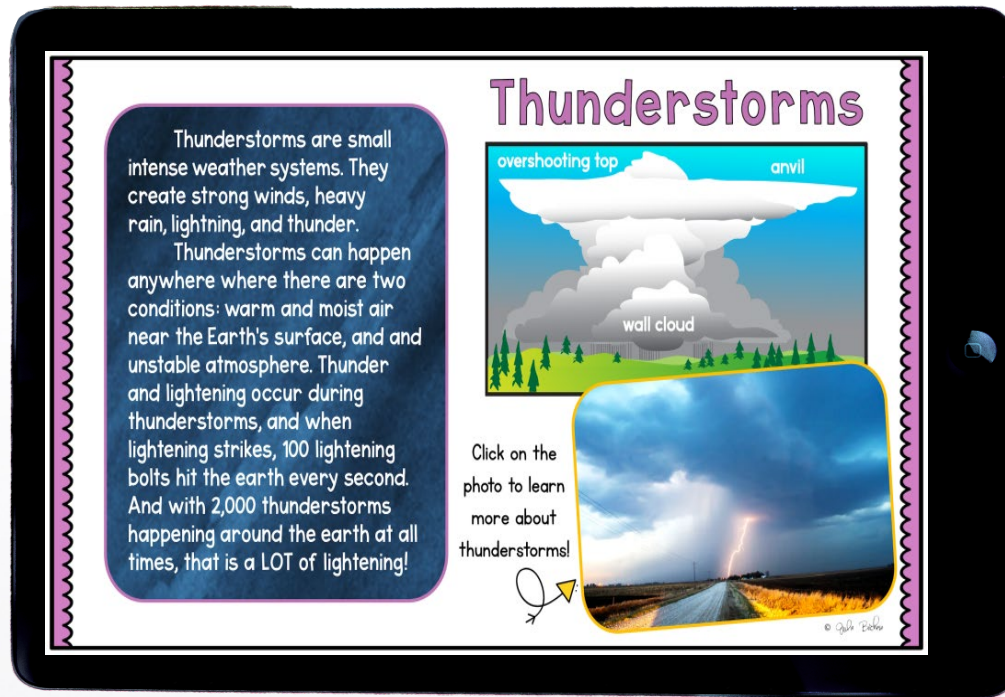
SPRING

SUMMER

AUTUMN

Oxford  
Notebook





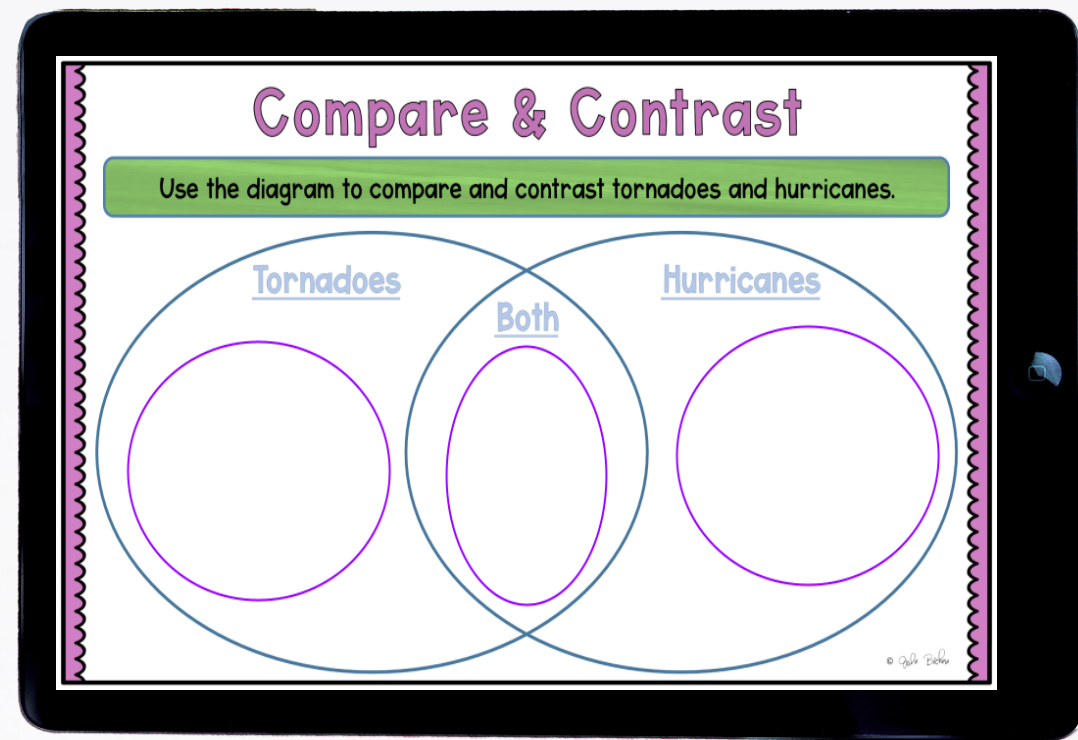
# INTEGRATES READING

Short reading passages  
build background and  
introduce key vocabulary.



# COMPARE & CONTRAST

Let's compare and contrast two common weather phenomena: tornadoes and hurricanes using the Venn Diagram.



# WRITING

Students write reflections,  
using critical thinking skills.







snow

### Ice Storm Conditions

Frost	Ice jams	Black ice	Ice recreation
	Before doing these activities, contact local officials who can tell you if it is safe to do so.		
	Frozen bodies of water can freeze and become jammed, acting as dams. This causes flooding.		
	Clear ice on roadways that cannot easily be seen. Occurs after snow melts and freezes on surface.		
	Very thin ice crystals, which land and collect on surfaces.		

Journal 5

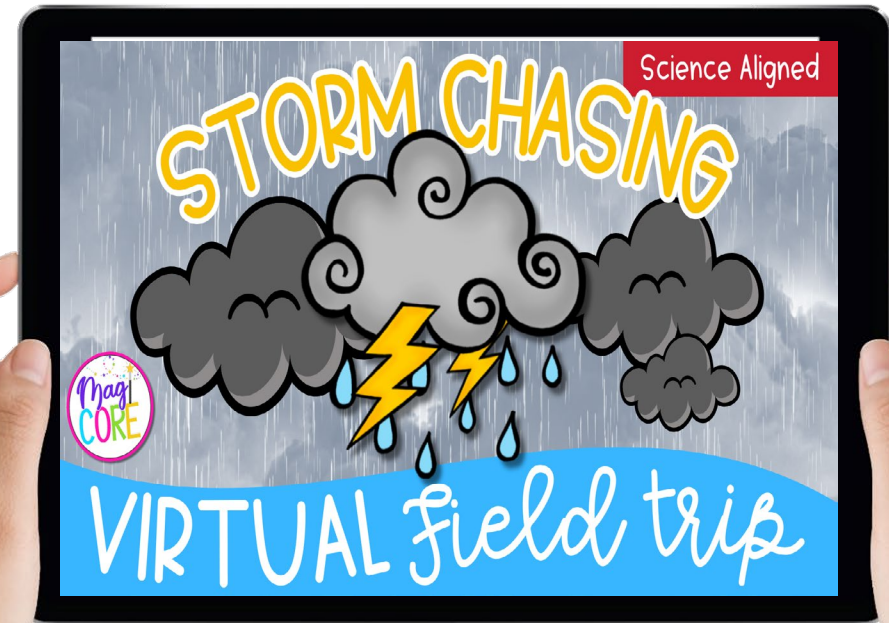
# CRITICAL THINKING SKILLS

Students dive deep into this engaging topic and learn to draw conclusions and make judgements.

# Suggested Uses

- Assign in Google Classroom or SeeSaw
- Whole Class Activity
- Small groups or center
- Early Finisher
- Incentive or Fun Friday

## Google Slides and SeeSaw





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