

Expository  
Text

# Weather All Around



by Deborah November

Mc  
Graw  
Hill

PAIRED  
READ

Colors in the Sky

## STRATEGIES & SKILLS

### Comprehension

**Strategy:** Ask and Answer Questions

**Skill:** Main Idea and Key Details

### Phonics

Long e: *e, ee, ea, ie, y, ey, e\_e*

### Vocabulary Strategy

Antonyms

### Vocabulary

damage, dangerous, destroy, event, harsh, prevent, warning, weather

### Content Standards

#### Science

Earth and Space Science

Word count: 306\*\*

**Photography Credit:** Cover (tl) blue jean images/Getty Images, (bkgd) Ian Grainger/Flickr/Getty Images

\*\*The total word count is based on words in the running text and headings only. Numerals and words in captions, labels, diagrams, charts, and sidebars are not included.



Genre **Expository Text**



**Essential Question**

How does weather affect us?



## Weather All Around




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**PAIRED  
READ**

Colors in the Sky .....16



People love to talk about the weather. Sometimes it is hot. Sometimes it is cold. Weather changes through the year.



In some places,  
it is hot most of  
the time.

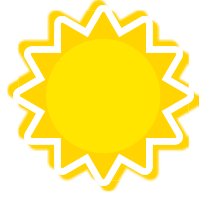


Many places in the United States have four seasons.

Usually, it is cold in the winter. It is rainy in the spring. The summer is sunny. The fall is cool. And some places get other kinds of weather too.

(t) blue lean images/Getty Images, (l) Compassionate Eye Foundation/Rennie Solis/Digital Vision/Getty Images, (b) Design Pics/Don Hammond





Hurricanes happen in the Northeast and the Southeast. They are dangerous storms. How can people stay safe?

The middle of the hurricane is called an eye.



We know when these storms are coming. This warning gives people time to prevent any damage.



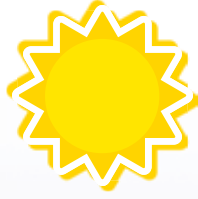
### What to Do in a Weather Emergency

1. Stay calm.
2. Go to a safe place.
3. Wait for an alert that the storm is over.

People put boards over windows and doors before a storm.

#### STOP AND CHECK

What should people do if a hurricane is coming?



The Great Plains is big and flat. Places that are flat can have a harsh weather event.



The Great Plains can be very windy.

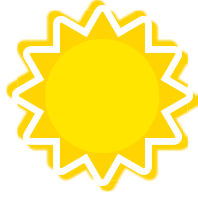




Winter in the Great Plains brings snowstorms. Blizzards are big snowstorms.



A blizzard lasts a long time.



What should you do if a snowstorm is coming? You need to stay safe. You might have to stay home.



You can use a ruler to see how much snow fell.

You should have an emergency kit ready in case. It should have a radio and batteries. It must have food.

**STOP AND CHECK**

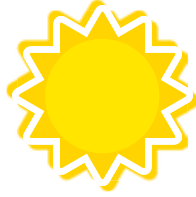
What should you do if a snowstorm is coming?

This emergency kit has blankets and matches.





**A tornado is a big storm that turns around in circles.**



The Midwest is cold and windy. Tornadoes can happen here. They are dangerous. They may destroy things.

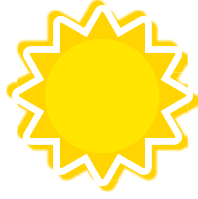


Stay in a safe place until the radio tells you the storm is gone.

It is good to have a weather radio. It can tell you that a storm is coming.

**STOP AND CHECK**

Why is it a good idea to have a weather radio?



The Southwest is different. It is hot and dry. A lot of the land is desert.

A desert is a very hot and dry place.

Sometimes there is a drought.  
That means that it does not  
rain for a long time.

**STOP AND CHECK**

What is it like  
in the desert?

(inset) Robert Shantz/Alamy

People try to use  
less water when it  
does not rain.





All kinds of weather can be beautiful. Every place has something special.

The weather in Hawaii is sunny most of the time.





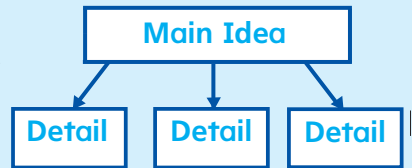
No matter where you  
live, enjoy the weather all  
around you.



# Respond to Reading

## Summarize

Use the chart to summarize *Weather All Around*.



## Text Evidence

1. Is *Weather All Around* true?  
How do you know? **Genre**
2. What happens in a drought?  
List details. **Main Idea and Key Details**
3. Look at page 2. Which two words are opposites? **Antonyms**
4. Write about what goes in an emergency kit. **Write About Reading**

## Compare Texts

Read about the colors in the sky.

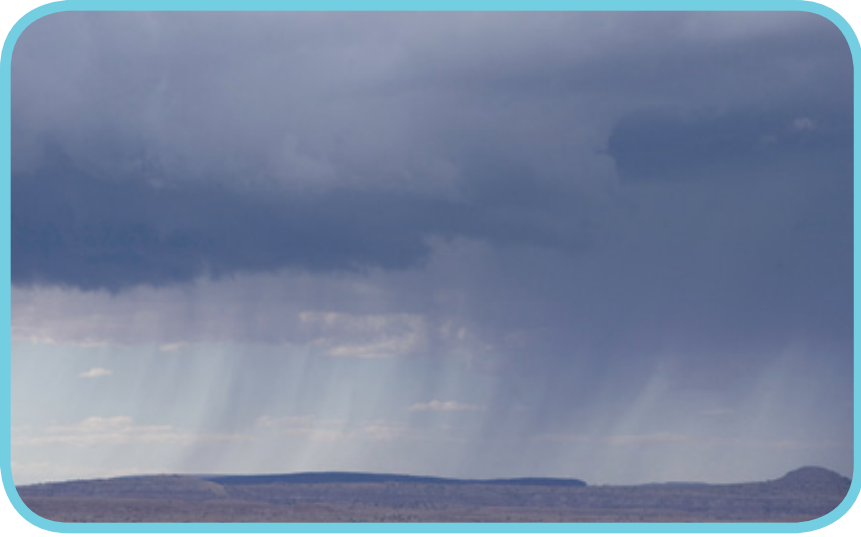
# Colors in the Sky

Do you ever wake up early?  
The sunrise is beautiful.

### Daytime

If it is not rainy, the sky  
turns blue. It may be clear.  
It may have a few clouds.

Suppose it is a rainy day.  
Then the sky looks gray.



What if it rains? You might  
see a rainbow afterward.





## Nighttime

After the sun goes down again, the sky is dark and starry. It is so beautiful!



### Make Connections

How does the weather affect us every day? **Essential Question**

How does the sky change in different weather? **Text to Text**

# Focus on Science

**Purpose** To find out how weather affects us

## What to Do

**Step 1** → With a partner, talk about different kinds of weather.

.....

**Step 2** → Take a piece of paper and divide it into four parts.

.....

**Step 3** → Draw a picture in each part. Draw weather you talked about with your partner.

**Conclusion** Which kind of weather is your favorite?

# Thinkmark

## The Topic

What is *Weather All Around* mostly about?

## Text Structure

What topics does the author write about?

How are these topics organized?

## Vocabulary

What are some words in the book that are about weather?