

Name: \_\_\_\_\_

Think about it.

Hurricanes, typhoons, and cyclones are all whirling storms. What do you know about these kinds of storms?

---



---



---



---

Find the words that mean almost the same thing as whirling. Be prepared to talk about your choices!

raining

storming

circling

rotating

twirling

spinning

turning

splashing

falling

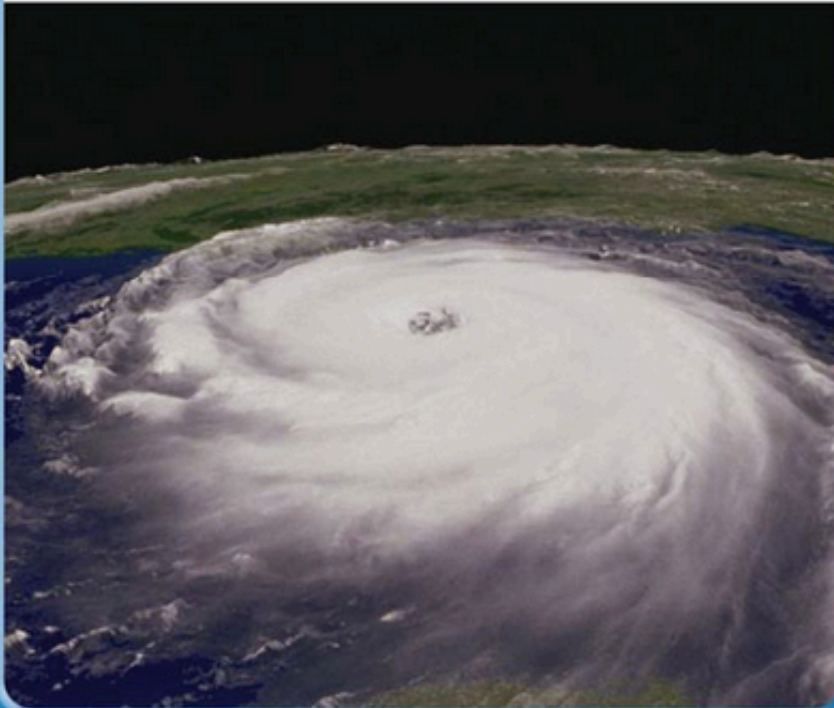
jumping

1

101A

## whirling

If the conditions are right, whirling winds can form into a hurricane.



2

102A

**rapidly**

The hot air balloon rose **rapidly**, or very fast, into the air.



Think about it.

What things have you seen that can move rapidly?

---



---



---



---

Look at the chart below. Put check marks next to the items that can move **rapidly**. Be prepared to share your reasoning!

Something That Moves	Can it move rapidly?
Race car	
turtle	
High-speed train	
tricycle	
Jet plane	

3

103A

## condense

Water droplets will **condense** on the outside of a cold glass on a hot day.



Think about it.

What might happen if moisture were to quickly **condense** into water?

---



---



---



---

Read each phrase. Match each sentence beginning with the ending that best completes it.

Beginning	Ending
Moisture will condense on grass	when you enter a warm building on a cold day.
Moisture will condense on eyeglasses	when you hold a cold drink on a hot day.
Moisture will condense on a glass	as dew in the early morning.



4

104A

## source

Tiny water droplets are the **source** for forming clouds.



Think about it.

What is the **source** of the water you and your family drink?

---



---



---



---



---

Match each **source** to a description. Be prepared to discuss your choices.

source	result
clouds	Gas for cars
sun	daylight
river or lake	rain
oil	Water for drinking

5

105A

## rotating

The Earth is always **rotating**. It never stops turning.



Think about it.

What things have you seen that were rotating?

---

---

---

---

Read each sentence. Try the word **rotating** in each blank space. Place a check mark on the line if **rotating** makes sense in the sentence.

The Earth's surface is always \_\_\_\_

The Earth \_\_\_\_ around the sun.

A hurricane is a powerful, \_\_\_\_ storm.

The \_\_\_\_ winds of a hurricane can reach speeds up to 200 miles an hour.

A hurricane's winds can cause \_\_\_\_ damage.





7

107A

# experience

Some places **experience** a lot of damage from hurricanes.



Think about it.

What do you think it is like to **experience** a hurricane?

How might you feel?

---



---



---



---

Think about how people feel when they **experience** different events. Then read the words in the chart. Decide where on the chart each word belongs. Think of more words and phrases to add.

hurt

happy

hot

afraid

sad

nervous

An event you Experience

A Feeling you might have

Losing a favorite photo

Winning a prize

Bumping your elbow

Watching a scary movie

An event you Experience	A Feeling you might have
Losing a favorite photo	
Winning a prize	
Bumping your elbow	
Watching a scary movie	

8

108A

# ancient

The **ancient** Greeks, who lived long ago, had storms during the summer and fall.



Think about it.

Who are some **ancient** people you know about or have studied?

---

---

---

Why do you think it was hard for **ancient** people to live through great storms?

---

---

---

How can we prepare for hurricanes today in ways that **ancient** people could not?

---

---

---



# predict

People try to **predict** the weather, but often it is hard to know what the weather will do.

## 5 Day Forecast



Think about it.

Why do you think the weather is often hard to predict?

---



---



---



---

Read each sentence. Try the word **predict** in the blank space. Decide whether the sentence makes sense.

Sentence	Does it make sense? Yes or No
When _____ think about my plans, I feel excited.	
I _____ our team will win the big championship.	
The teachers _____ that student scores will be good on the test.	
Who will tell us what _____ ?	

10

110A

## registered

This anemometer recorded wind speeds near a tornado. It **registered** high winds.



Think about it.

When was the last time you saw something **registered** on an instrument or machine? What was registered?

---

---

---

---

---

Read the lists below. Draw a line to connect each instrument with what is **registered** on the instrument.

anemometer

speed

thermometer

temperature

speedometer

wind speed