

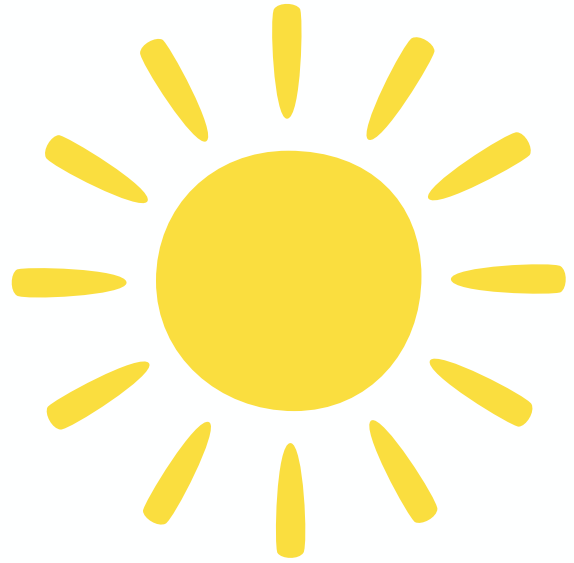


WONDERFUL WEATHER

The Science of Rain, Snow, and Thunderstorms!



Vocabulary words- Weather



Sunny



Rainy



Cloudy



Windy



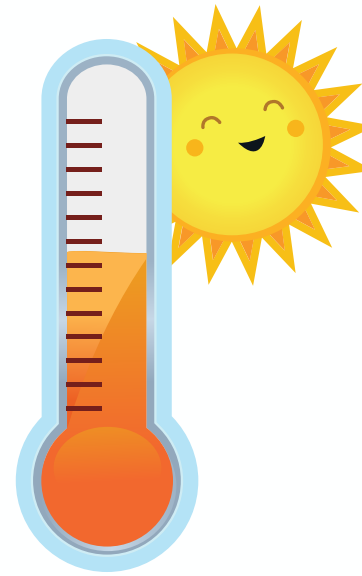
Snowy



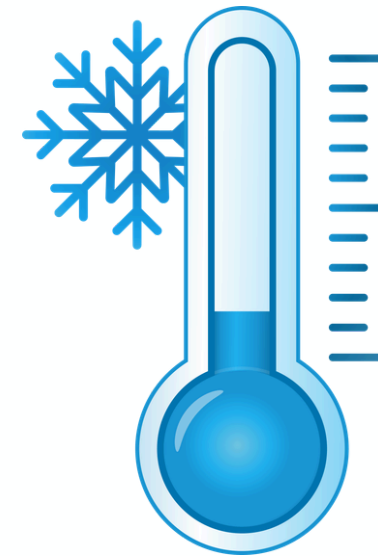
Stormy



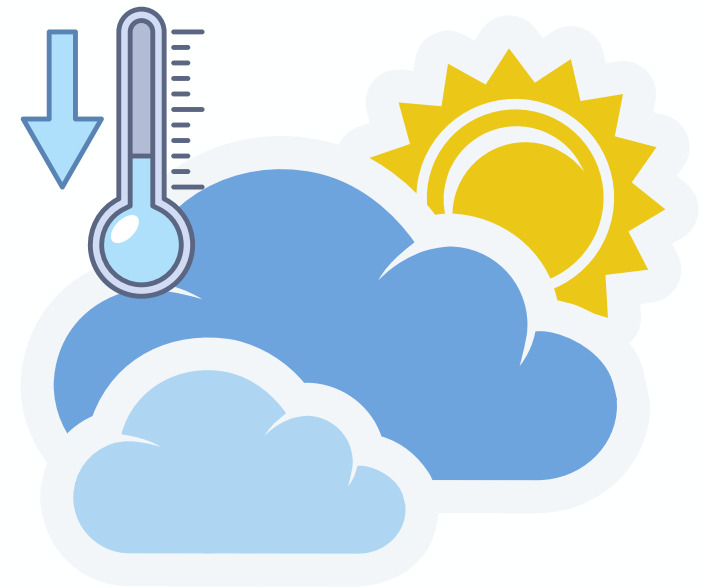
Foggy



Hot



Cold



Cool

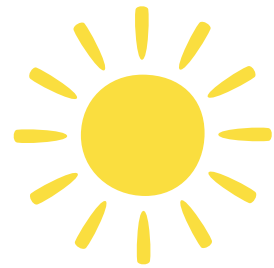
Let's practice

Match the vocabulary words to the correct pictures:

Sunny



Rainy



Stormy



Cloudy



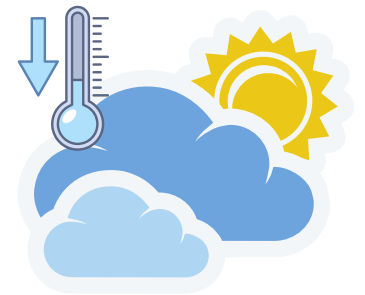
Foggy



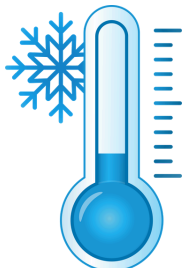
Cold



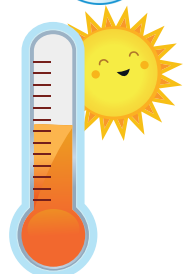
Windy



Snowy

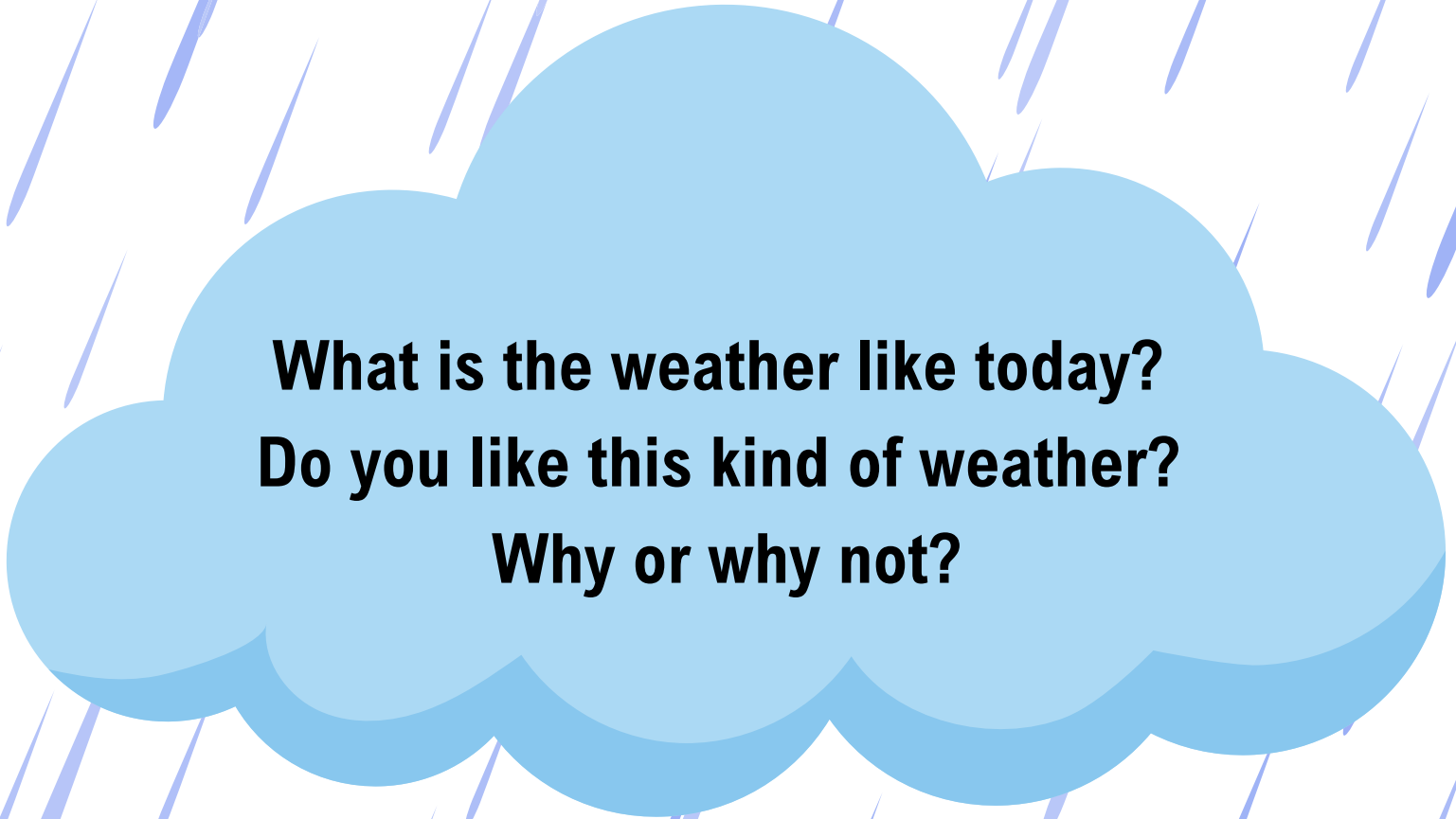


Cool

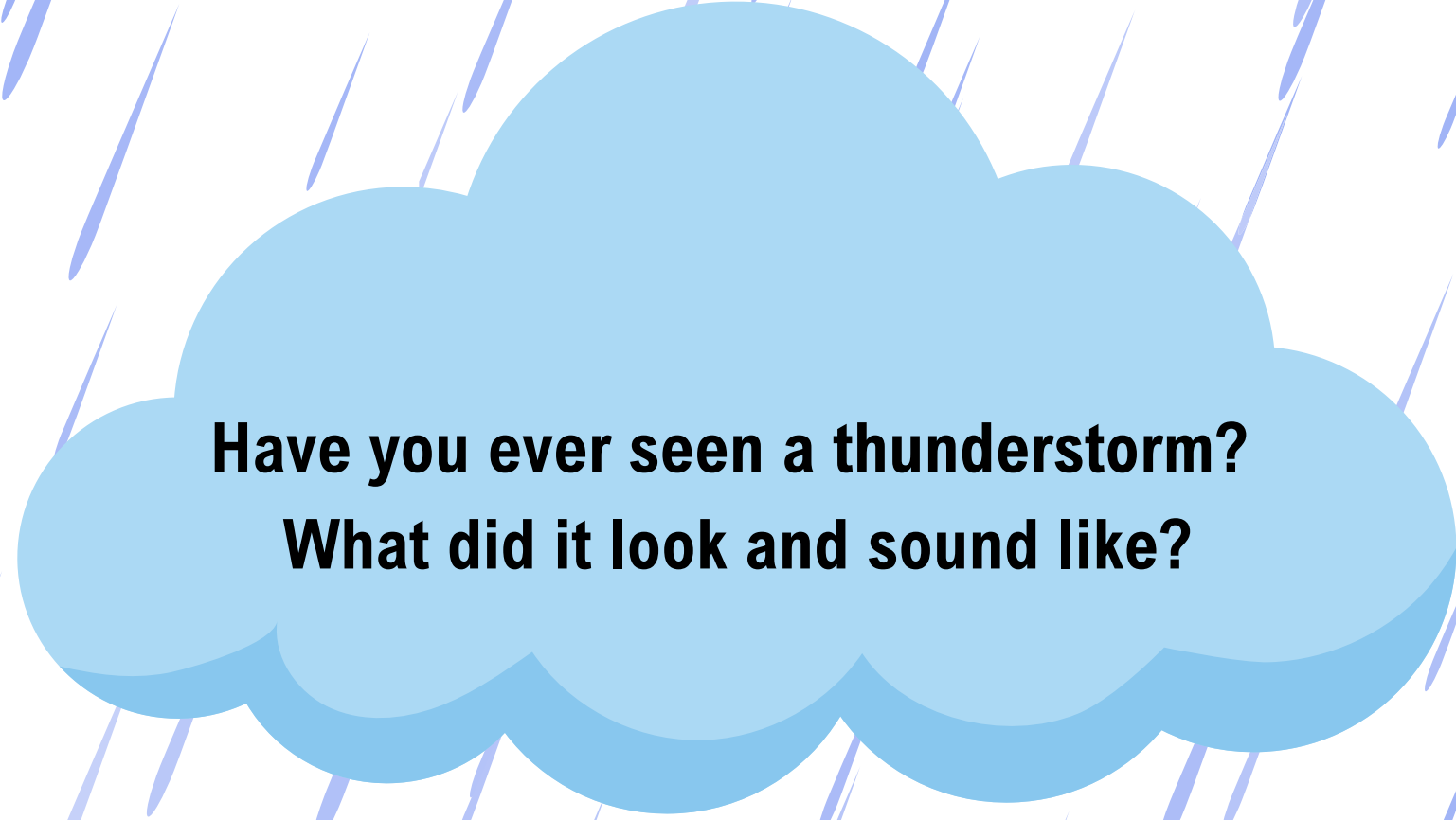


Hot

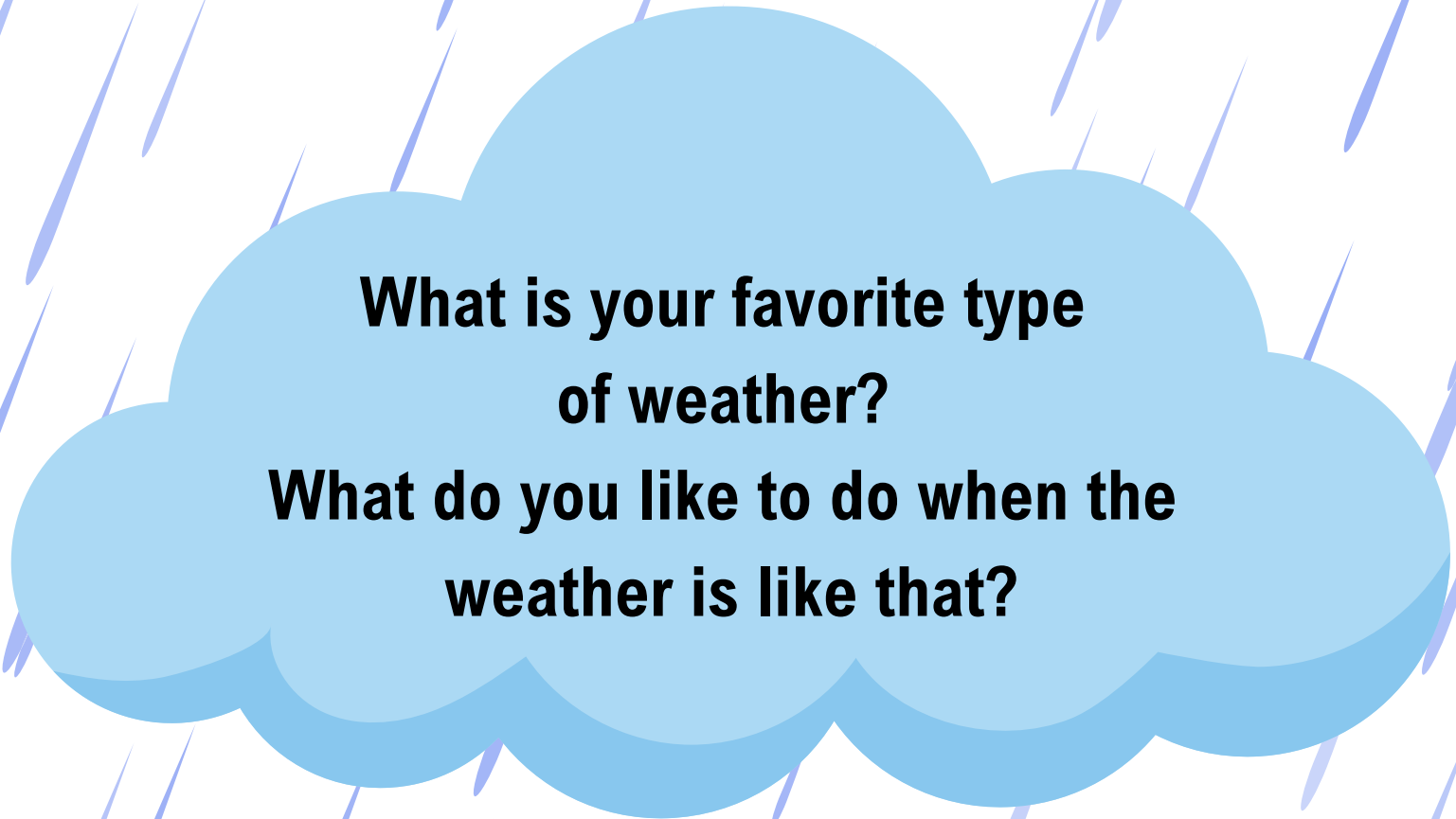




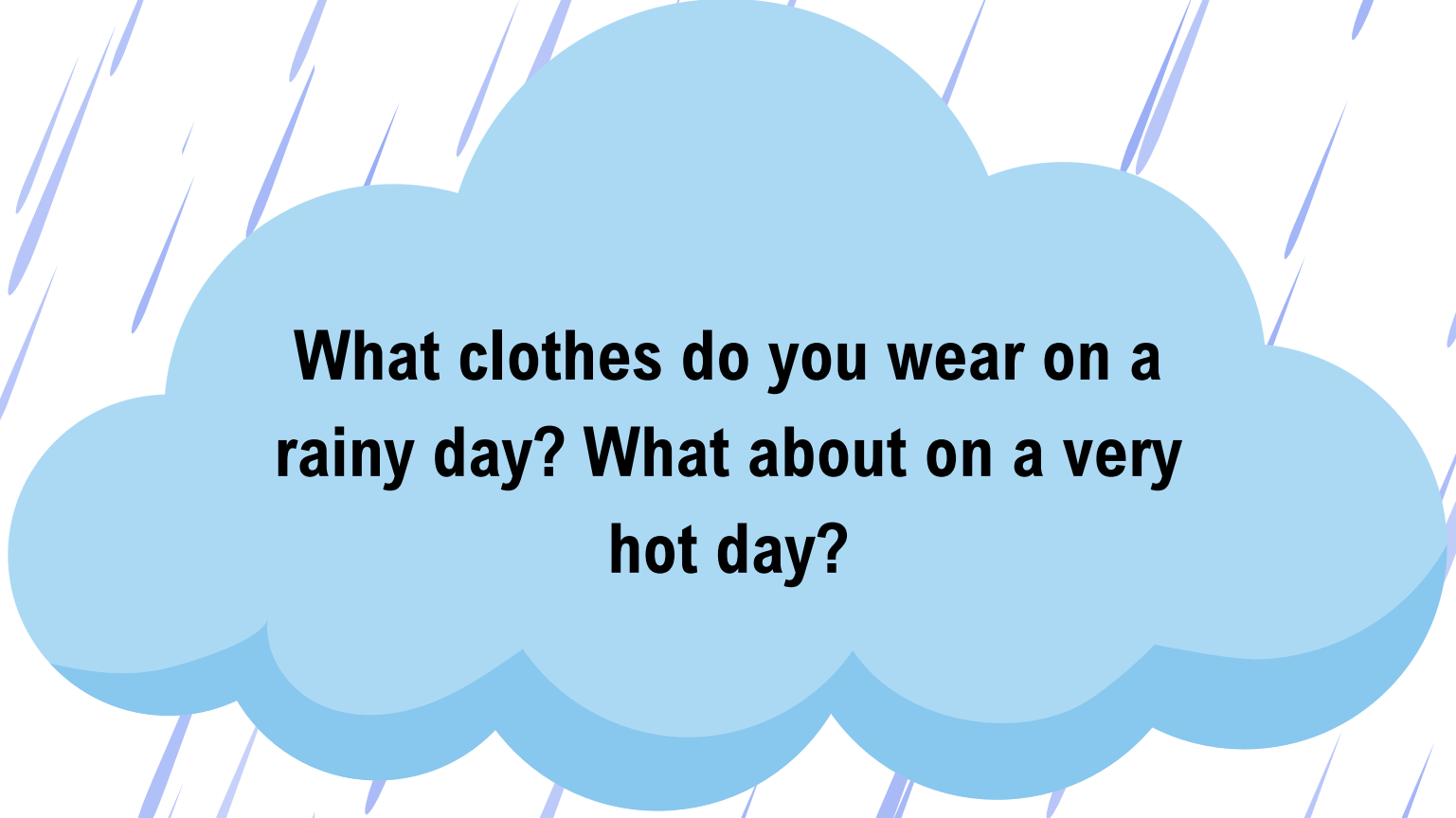
**What is the weather like today?
Do you like this kind of weather?
Why or why not?**



**Have you ever seen a thunderstorm?
What did it look and sound like?**



**What is your favorite type
of weather?
What do you like to do when the
weather is like that?**



**What clothes do you wear on a
rainy day? What about on a very
hot day?**

Vocabulary words - Reading



Rain - Water that falls from clouds in the sky.



Lightning - A flash of light in the sky caused by electrical energy.



Snow - Frozen water crystals that fall from clouds as white flakes.



Thunderstorm - A storm with thunder, lightning, and heavy rain.



Evaporation - When water gets heated by the sun and turns into vapor (like steam), and rises into the air. Later, this vapor can turn into clouds and fall as rain or snow.

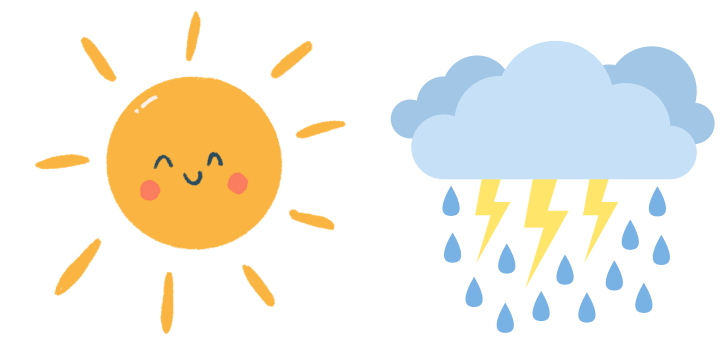


Hail - Small balls of ice that fall from the sky during some storms.



Meteorologist - A person who studies the weather. They use tools to help predict if it will rain, snow, or be sunny.

THE SCIENCE OF WEATHER



Weather is something we experience every day, but have you ever wondered how it works?

Today, we're going to learn about rain, snow, and thunderstorms. These are three very different types of weather, and they all happen in different ways.

Rain is one of the most common types of weather. It happens when clouds in the sky fill up with tiny drops of water. The water comes from oceans, lakes, and rivers. When the sun heats up the water, it turns into water vapor and goes up into the air. This process is called evaporation. The vapor cools down as it rises, and when it gets cold enough, it turns into water drops again. These drops group together to make clouds. When the clouds become too heavy with water, the water falls to the ground as rain.

Snow is different from rain. Snow happens when the temperature is very cold. Snow forms when tiny drops of water freeze into ice crystals in the clouds. These ice crystals join together to make snowflakes. The snowflakes fall down to the ground and cover everything in a blanket of white snow. Snow is important because it helps keep the Earth cool. It also stores water for the warmer months, which helps plants and animals.

Thunderstorms are exciting but can also be dangerous. Thunderstorms happen when warm air rises quickly into the sky and meets cold air. This creates a lot of energy. This energy makes the air move very fast, which creates lightning. Lightning is a flash of light that happens when electrical energy moves in the sky. When lightning strikes, we hear thunder. Thunder is the sound of the air exploding after lightning happens. Thunderstorms can bring heavy rain, strong winds, and sometimes hail. Hail is small pieces of ice that fall from the sky during some storms.

All of these types of weather help us understand how our planet works. Meteorologists, or scientists who study the weather, can predict when these weather events will happen. They use information from the sky, like temperature, air pressure, and moisture, to tell us if we will have rain, snow, or a thunderstorm. This helps us know what to wear and what activities to do. For example, we might wear a raincoat on a rainy day or a warm jacket on a snowy day.

Understanding weather is important for our safety, too. If there is a thunderstorm coming, we can stay inside to be safe. So, the next time you see rain, snow, or lightning, you will know how it happens and why it's important.

THE SCIENCE OF WEATHER



Questions:

How does rain form?

What is evaporation?

What happens when the temperature is very cold and water falls from the sky?

What causes lightning in a thunderstorm?

What is hail, and when can it happen?

How do meteorologists predict the weather?

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THE SCIENCE OF WEATHER



Answers

- How does rain form?

Rain forms when clouds in the sky fill up with tiny drops of water. These drops come from oceans, lakes, and rivers. When the water is heated by the sun, it turns into water vapor, rises into the air, cools down, and turns back into water drops. These drops group together in clouds, and when the clouds become too heavy, the water falls as rain.

- What is evaporation?

Evaporation is the process where water turns into vapor (steam) when it is heated by the sun and rises into the air.

- What happens when the temperature is very cold and water falls from the sky?

When the temperature is very cold, water freezes into ice crystals in the clouds. These ice crystals form snowflakes, which fall to the ground as snow.

- What causes lightning in a thunderstorm?

Lightning is caused when warm air rises quickly into the sky and meets cold air, creating a lot of energy. This energy makes the air move very fast, which creates lightning.

- What is hail, and when can it happen?

Hail is small pieces of ice that fall from the sky during some thunderstorms. It happens when strong winds push raindrops up into the cold part of the clouds, where they freeze and turn into ice.

- How do meteorologists predict the weather?

Meteorologists predict the weather by using information from the sky, like temperature, air pressure, and moisture. They study these factors to know if it will rain, snow, or be sunny, and tell us the forecast.

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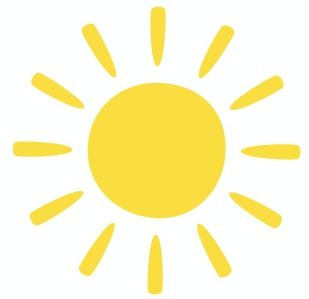
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Weekly weather report

Mon



Tue



Wed



Thu



Fri



Sat



Sun



Give a short speech about
what the weather
is going to be like each
day of the week.

Free Talk

- 1. Do you prefer hot or cold weather? Why?**
- 2. What kind of weather do you have in your country during summer?**
- 3. What do you like to do on a rainy day?**
- 4. Have you ever experienced a very bad storm? What happened?**
- 5. How does the weather affect your mood?**
- 6. Have you ever seen snow? If not, would you like to?**
- 7. What is your favorite season? Why?**
- 8. Do you check the weather forecast before making plans?**
- 9. What is the hottest or coldest temperature you have ever felt?**
- 10. How does the weather affect travel in your country?**
- 11. Do you like watching the rain? Why or why not?**
- 12. What do you think about climate change? Have you noticed any changes in the weather?**
- 13. If you could choose the perfect weather every day, what would it be like?**





Well done!
See you next time