



Name: _____ Class: _____

Look at the 'Weather' text.

Write a glossary for the words in **bold**.

Glossary

anemometer: _____

condensation: _____

destructive: _____

evaporates: _____

eye: _____

meteorologist: _____

rotating: _____

weather vane: _____





Name: _____ Class: _____

Look at the 'Weather' text.

Write a glossary for the words in bold.

Remember a glossary is written in alphabetical order.

Glossary

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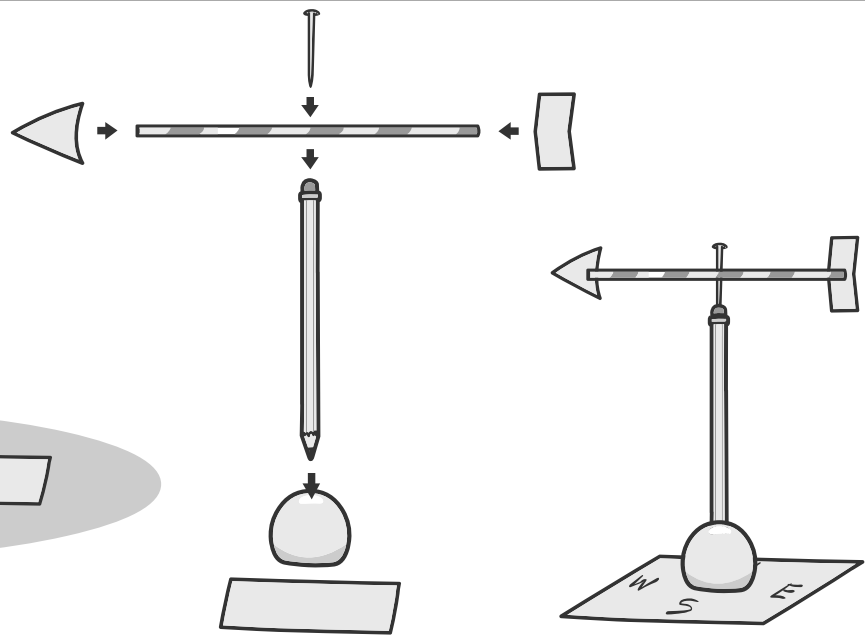
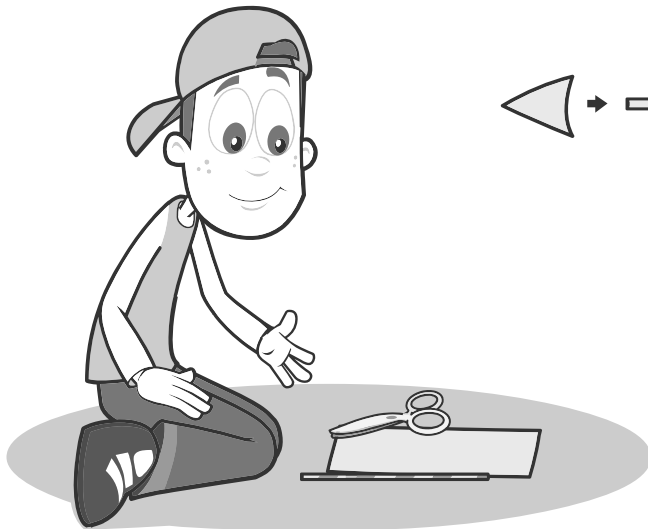
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Name: _____ Class: _____

Read the instructions and make a weather vane.



You will need:

• Straw • Card • Pencil with an eraser • Pin • Clay • Scissors

Instructions:

1. Cut two slits at either end of the straw.
2. Use the card to cut out an arrow and tail for your vane.
3. Place the arrow and tail at either end of the straw.
4. Insert the tip of the pencil into the piece of clay.
5. Ask an adult to help you insert the pin into the centre of the straw and then into the eraser.

Go outside and use a compass to identify which direction North is.
Use your weather vane to find out which direction the wind is blowing in.

Note:

Make sure you put your weather vane in a place away from large walls and objects which will block the wind.

Challenge: Write a set of instructions to make an anemometer.



Name: _____ Class: _____

Read through the text.

Weather

What is Weather?

The weather is what is happening outside, right now.

Look outside!

Is it sunny or cloudy? Wet or dry? Windy or calm? Warm or cold?

All these things are to do with weather.

Someone who studies the weather is called a **meteorologist**.

Meteorologists use weather instruments and satellites to gather information.

They use this to forecast the weather.

Wind

Wind is the movement of air.

Although we can't see the wind, we can feel it!

A **weather vane** is used to show the direction of the wind.

It is usually placed on the highest point of a building.

The speed of the wind is measured by an **anemometer**.

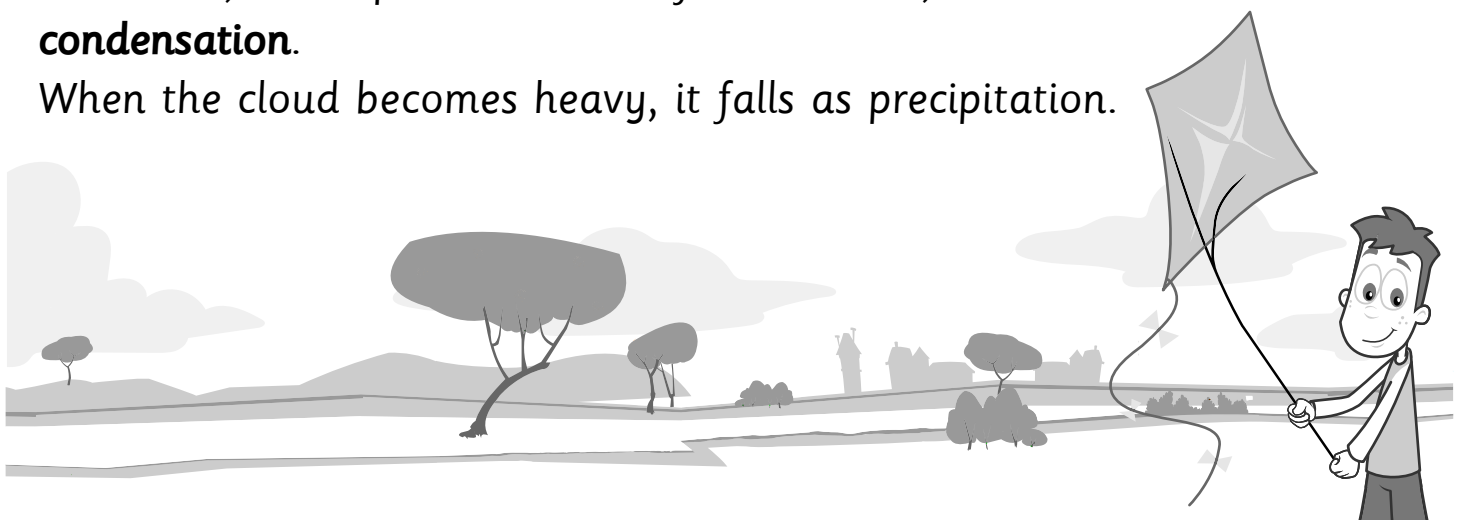
Precipitation

Precipitation is the water that falls from clouds.

This includes, rain, snow, sleet or hail. The Sun heats up water on Earth, which **evaporates** as vapour.

As it rises, the vapour cools and forms clouds, this is called **condensation**.

When the cloud becomes heavy, it falls as precipitation.





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Read through the text.

Weather

Clouds

As water vapour rises, it cools down.

As it cools, the water vapour becomes tiny droplets of water.

These droplets of water are so light, that they can float in the air.

A cloud is made up of these water droplets.

The three main types of clouds are cumulus, cirrus and strata. Fog is cloud that forms on the surface of the Earth.

Hurricanes

A hurricane is a huge storm. It can be up to 600 miles across.

The winds spiral and can reach speeds of up to 200 mph.

In the centre of a hurricane is the **eye**, where it is calm.

Surrounding the eye, is the eye wall, the most dangerous part of the hurricane as the wind speeds are the fastest.

Tornado

A tornado is a column of air, which is **rotating** very fast.

Tornados can be extremely **destructive**, as the wind speed can reach 300mph.

It can destroy buildings, rip up trees and throw cars in the air.

