



# YEAR 2 THE EQUATOR



## WHAT IS THE EQUATOR

The equator is a special line that goes all the way around the Earth. It splits the Earth into two parts: the top half is called the Northern Hemisphere, and the bottom half is called the Southern Hemisphere. The equator is like a belt that goes around the middle of the Earth.

## WHERE IS THE EQUATOR

The equator is exactly halfway between the North Pole and the South Pole. It is not straight like a line on a piece of paper. Instead, it is curved around the Earth, following its shape.

## HOW LONG IS THE EQUATOR

The equator is very long! It is about 40,075 kilometres long. If you could walk along the equator, it would take a very long time to reach the end. The equator travels through 13 different countries and even passes through oceans, so it goes around the world!

## WHAT HAPPENS AT THE EQUATOR

At the equator, the weather is very hot and sunny. This is because the equator gets the most sunlight. The sun shines directly on the equator, making it a warm place to live. In many places near the equator, there are rainforests that are full of plants and animals.

## WHY IS THE EQUATOR SO IMPORTANT

The equator is important because it helps scientists understand the Earth's weather. The places near the equator are warm and have lots of sunshine, while places near the poles are colder and get less sunlight. The equator also helps us know where the Northern Hemisphere and Southern Hemisphere are, which helps with maps and globes.

## FUN FACTS

### Fun Facts About the Equator

- The equator is the widest part of the Earth.
- If you were standing on the equator, you would be at sea level, which means you are neither too high nor too low on the Earth.
- The Earth is a little bit flatter at the equator and wider than at the poles!



## IN SUMMARY

The equator is a very important and special line that goes all the way around the middle of the Earth. It divides the Earth into two halves and helps us understand the weather and the world we live in!

## FIND OUT MORE...

[Equator facts for kids](#)

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### EXAMPLE QUESTIONS:

1. What does the equator do to the Earth?
2. How long is the equator?
3. What is the weather like at the equator?
4. How many countries does the equator pass through?
5. Why is the equator important for scientists?