



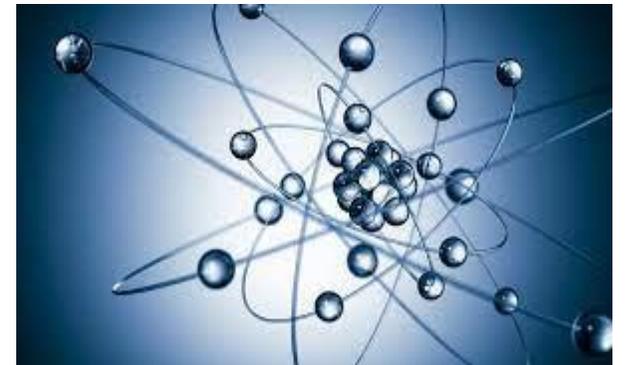
# Science





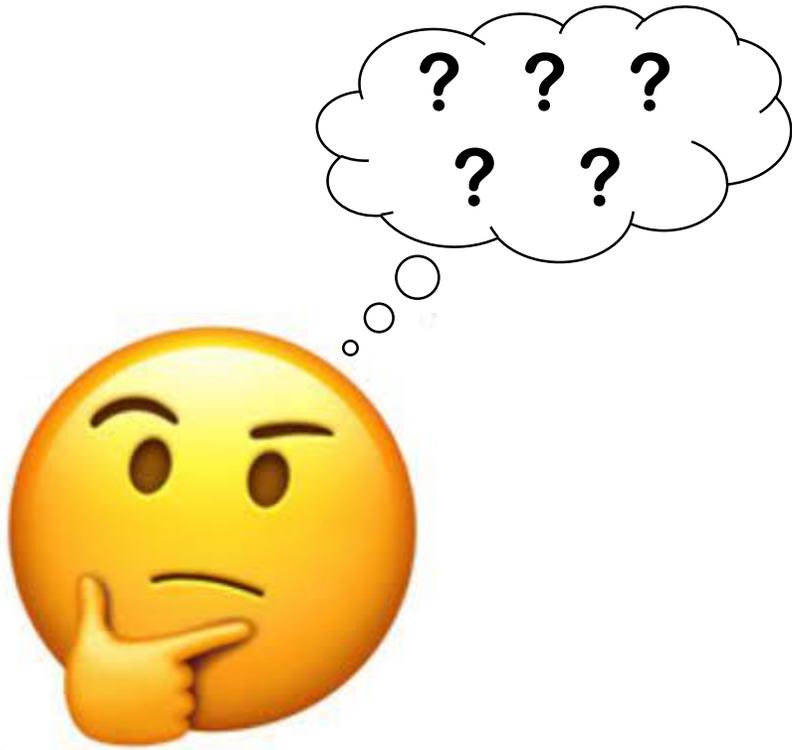
# What is Science?

Science helps us to find out about everything around us on our planet, and beyond into the universe. It also helps us to live safe and healthy lives.





# Scientists ask questions such as...



What is a black hole in space?

What lives in the deepest depths of the ocean?

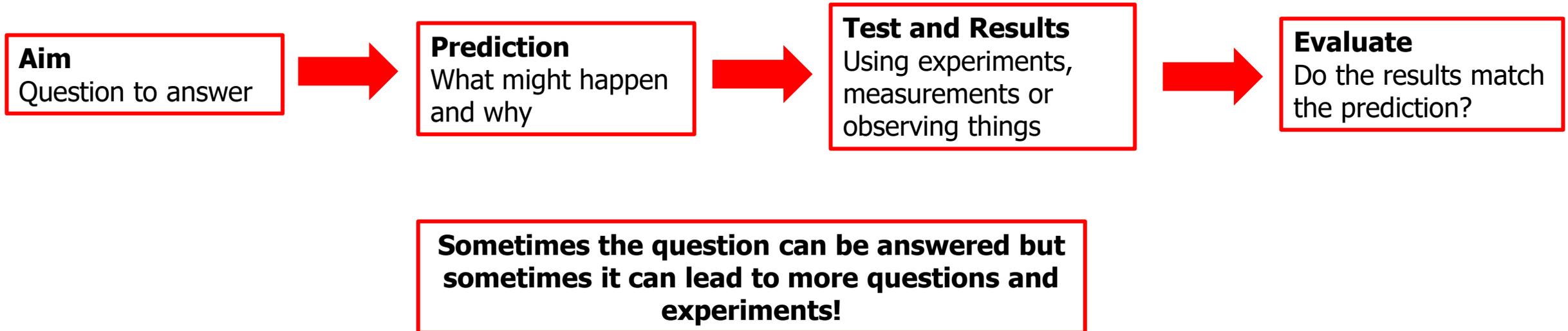
How many lemurs are left in the wild?

How do plants grow?



# What do scientists do?

Scientists are explorers finding out about the world and everything in it. They investigate and experiment to find the answers to their questions.





# Some questions that scientists have asked...

## How speedy is a cheetah?

Scientists attached special tracking collars to five cheetahs in Botswana, Africa. They tracked the animals for 17 months and carefully worked through all the data they collected. They discovered that, when hunting, the cheetahs accelerated faster than most cars, going from zero to 60mph in just 3 seconds!





# Some questions that scientists have asked...

## How intelligent are crows?

Scientists wanted to find out if crows can use tools to help them get food, a sign of intelligence. They set up a test for eight crows in a laboratory. The crows were shown a box with a tasty snack in it, along with some bits of stick and thin tubes. All of the birds worked out how to put these together to make a tool to poke the food out of the box!





# Thinking like a scientist



Why and how did that happen?

When did it happen?

Will it happen again?

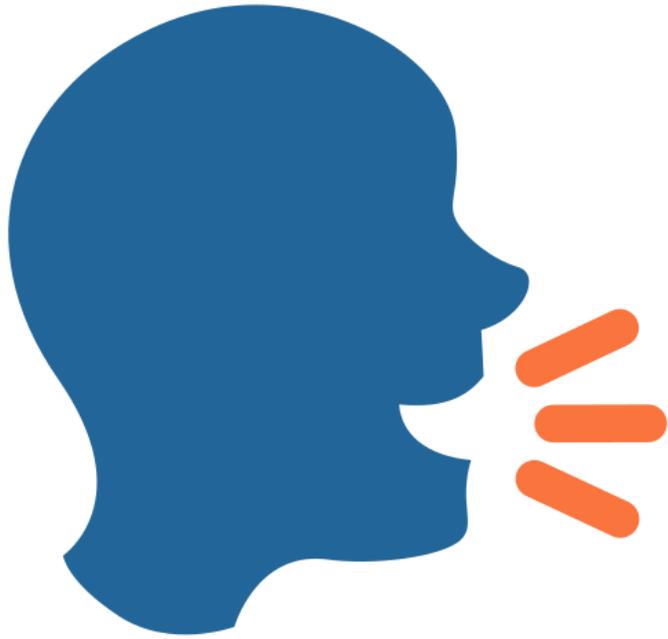
Can we measure or test that?

What is that made of?

How can we find out more?



# Talking like a scientist



I predict....

I observed that....

We measured...

The results show that...

We can conclude that....



# Different types of scientist



## **Biologist**

Studies living organisms



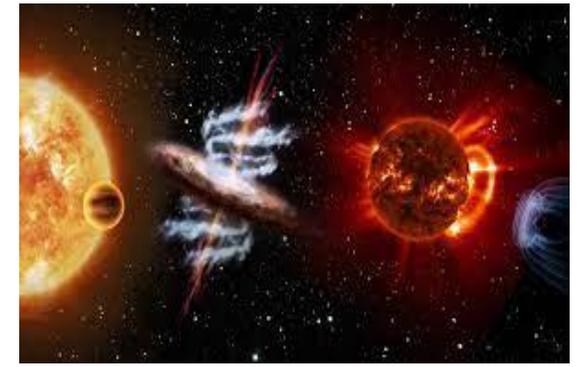
## **Epidemiologist**

Studies diseases and how they spread



## **Oceanographer**

Studies the ocean



## **Astrophysicist**

Studies the universe



Our Science Leader  
is...

**Miss Rehling**



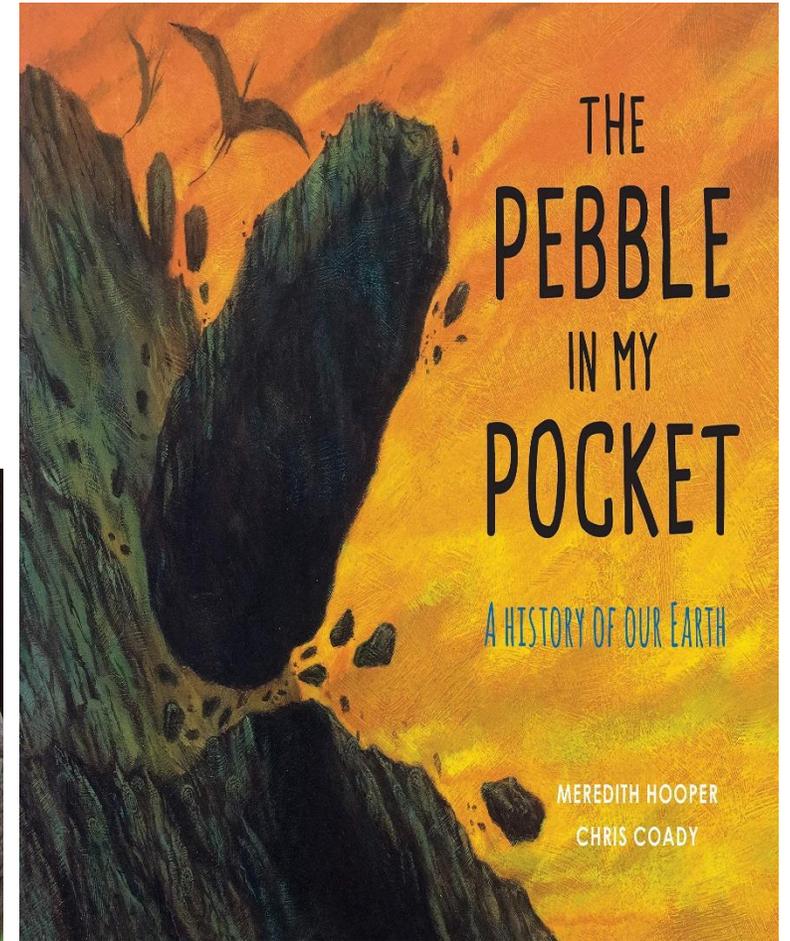
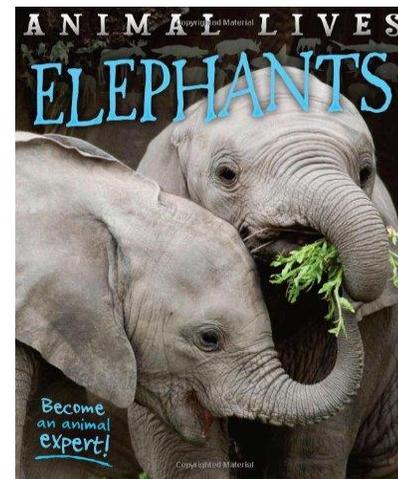
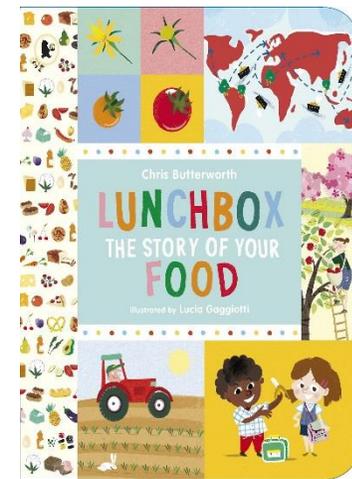
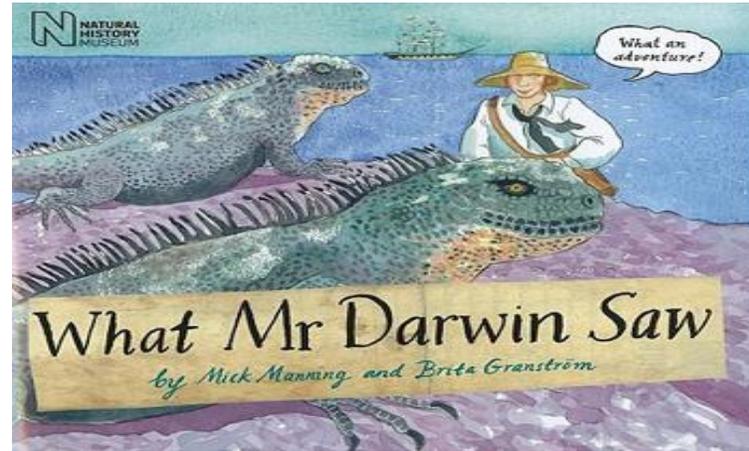
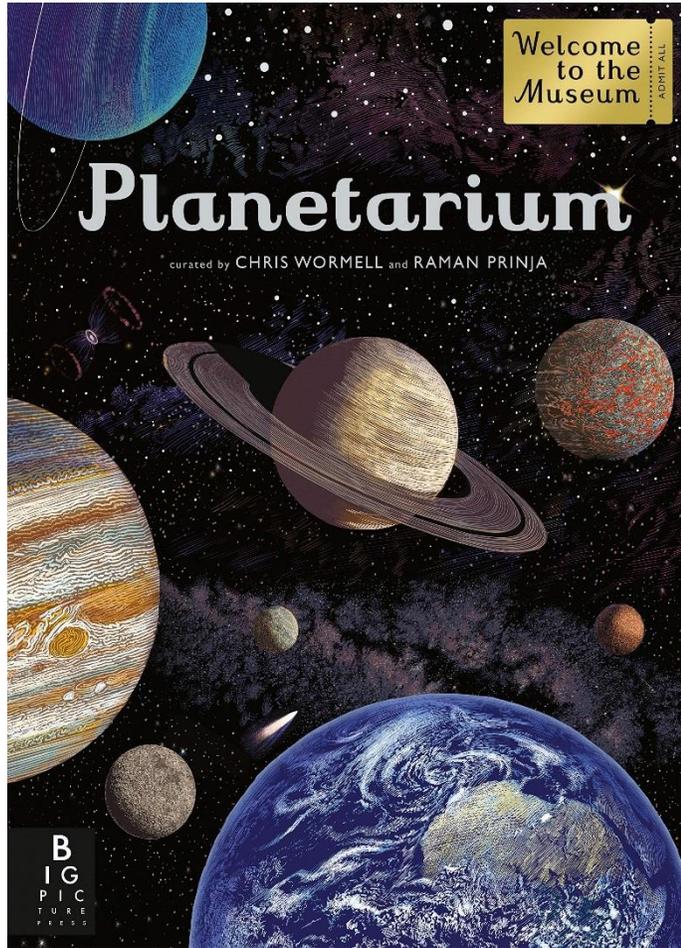
# Science at Parsloes Primary School

**At Parsloes, our curriculum is built around...**





# Science at Parsloes Primary School





# Science at Parsloes Primary School

## Did you know...?

In September, our school was given a special award called 'Primary Science Quality Mark', for our hard work in making sure science has a high profile at our school.



Our school has its own, unique set of 'Science Principles'. These were created with the help of the staff and pupils at our school!



## Science Teaching and Learning Principles

Science at Parsloes Primary School should provide us with ...

Language.

Experiences.

Active learning.

Relevance to the world.

New skills and knowledge

... which will enable us to enquire about the world around us and to understand the uses and implications of science, today and for the future.





# Science at Parsloes Primary School

## What do **you** think about science at our school?

"I like science because it shows what we cannot see."

D - Year 4

"Science is interesting to me because I love to learn about nature."

H - Year 4

"We learn about things like animals and we do lots of different activities."

S - Year 2

"Science is to discover things. We learn to work out how things work and what they do. I like doing experiments with magnets."

S.M.- Year 5

"I like science because we can figure out things we never knew."

I - Year 4

"I like science because it can be anything around you."

M - Year 4



# Science at Parsloes Primary School

What do **you** think about science at our school?

"Science is something that teaches us about something new. We learn about it because through our thinking we can learn how the planet works.

I remember learning about food chains and whether plants can work in dark spaces or without water.

I really like how it's always new things that we learn and it improves how you think about the world."

R.S.- Year 5

"Science is when people create new things and other people are discovering how it is made."

M - Year 6

"Science is when you do experiments."

H - Year 1

"We get to make things like potions."

J - Year 1

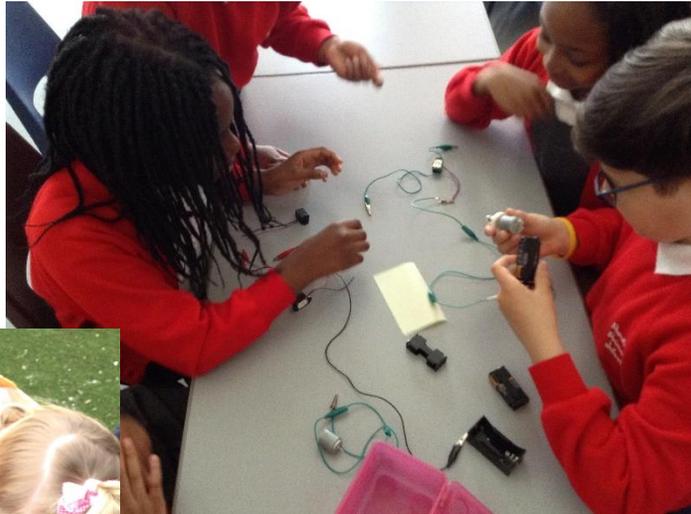


# Science at Parsloes Primary School

How does science help us learn about the world?

What **scientific concepts** are these children learning about?

Why is it important to learn about these things?





# Science at Parsloes Primary School

**Reflect:** What is something you have learnt in science that helps you understand something about our world?

