**S01.07.01- Biology - Plants**

A botanist studies plants

There was one called Joseph Banks

He was born in 1743

He sailed the world just to look

At plants with Captain James Cook

Sent out by the Royal Society

Now that’s a club for scientists,

It’s probably the oldest still around

And when they sent out Joseph Banks

He came back with some flax that he had found

A living thing grown in soil

With stem and leaves and roots and all

We can call a plant, for that’s its name

A plant needs light from the Sun

And some warmth to get things done

And water, falling from the sky as rain

So water, warmth and light are the essential things

That any plant will need

And brand new plants can grow

When older plants produce a tiny little seed

Let’s learn more about plants

They are made of many parts

Come and take a closer look at them

Underground is the root

Getting water, getting food

Which is drawn up through the central stem

From the stem there grows a leaf

Or from a tree trunk you would find a branch

And flowers are the pretty things

That blossom at the top of the plant

Now we come onto trees

Some of them are evergreen

These ones keep their leaves on all the year

Other trees drop them off

They are called deciduous

But they’ll grow right back when Spring is here

A pine tree never drops its leaves

A holly bush is evergreen as well

But oak trees are deciduous

In Autumn all their leaves and acorns fell

We can learn many facts

By collecting lots of stats

Data is the term we use for these

When illustrated, just like art

Data then becomes a graph

Shown in lines and bars for all to see

We monitor all sorts of things

Like rainfall at a certain time or region

So we can find out weather patterns

In lots of different places, different seasons

Farms are where our food is from

Sometimes they keep animals on

Other farms grow plants that we can use

Grain farms grow crops like wheat

Orchards cultivate fruit trees

A citrus farm has oranges for juice

A poultry farm has chickens and other birds

Bred for their eggs and for their meat

And dairy farms keep cows just for their milk

Or cream or cheese for us to eat

A farmer is a person who

Owns a farm, there’s lots to do

Wild weeds can spring up on your land

Nowadays with modern tools

And big machines that they can use

They don’t have to work it all by hand

Irrigation waters all the plants

The fields are dug up with a plough

But if you plant some seeds in your own garden

You would use a little trowel

All the food that we eat

Whether it is veg or meat

Travels from the farm right to the shops

Some of it gets put in crates

Some is frozen to keep it safe

Some is kept in cans once it’s been chopped

A forklift truck with bars attached

Can lift up food and carry it around

Refrigerated lorries keep your food chilled

As they drive from town to town