

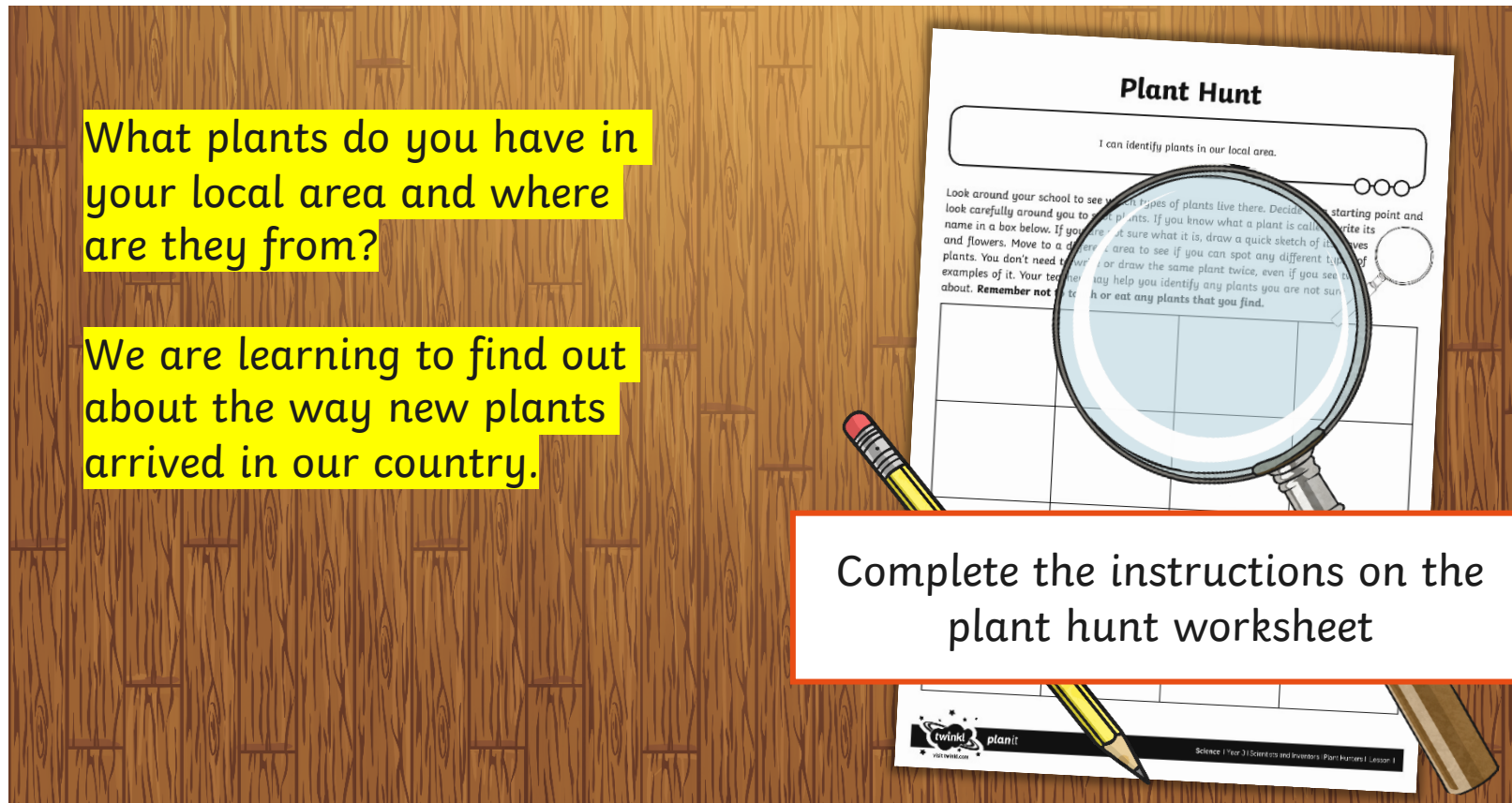
Science: Plant Hunt

Plants are all around us. You will see plants in people's gardens, in parks, on roadsides and by footpaths.

What plants do you have in your local area and where are they from?

We are learning to find out about the way new plants arrived in our country.

Complete the instructions on the plant hunt worksheet



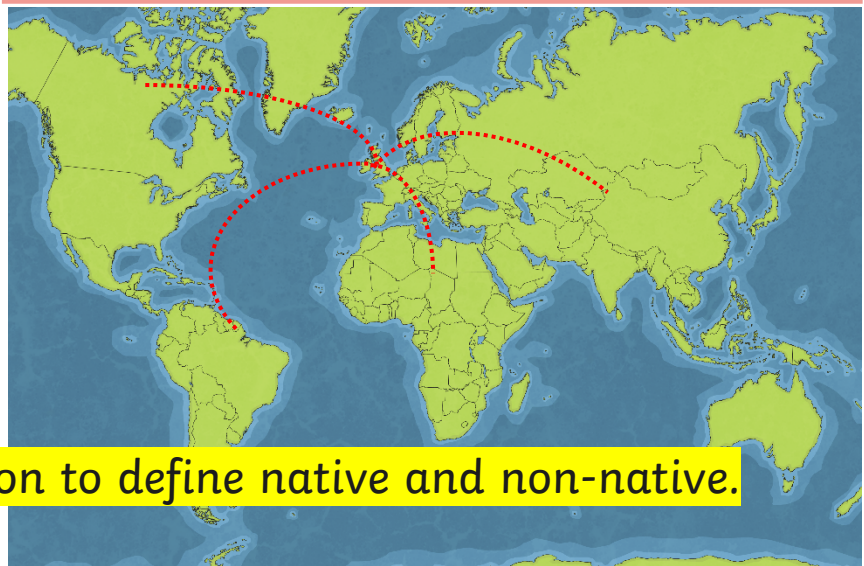
Native and Non-Native

Where have all these different plants come from?

Some plants are native to Britain. This means that they have grown here for many years and have not been brought here from any other countries.



Other plants are **non-native**. This means they have been brought here from different countries.

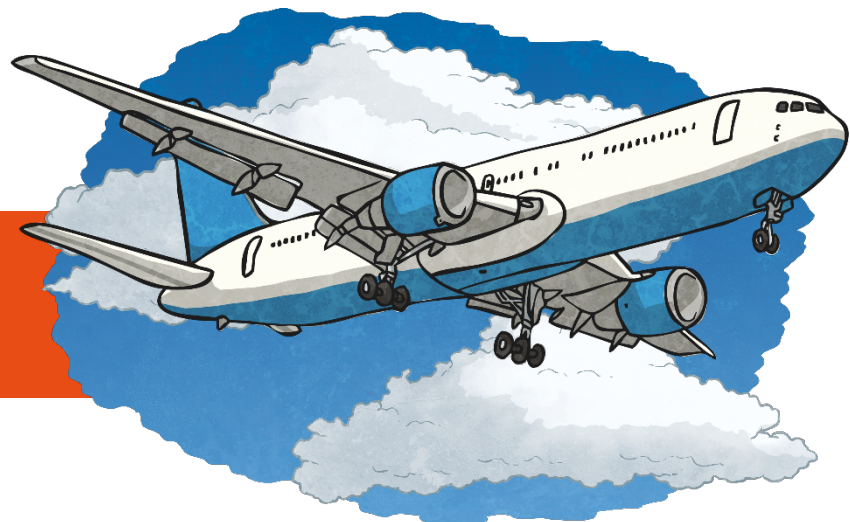


Write down your own definition to define native and non-native.

The Plant Hunters

How did the different species of plants get to the UK from these other countries? Talk about it with a family member or write down your ideas!

Let's find out about some of these famous plant hunters!



The Plant Hunters



Sir Joseph Banks 1743-1820

Joseph Banks was an English scientist who studied plants. He became famous when he took part in Captain Cook's first voyage to Brazil, Tahiti, New Zealand and Australia. He was President of the Royal Society for 41 years, and advised King George III on how to set up the Royal Gardens at Kew. He introduced the eucalyptus, acacia and the banksia, which was named after him. Altogether, around 80 species of plants are named after him in some way.

David Douglas 1799-1834

David Douglas was a Scottish botanist who worked at the Glasgow Botanical Gardens and the Royal Horticultural Society in London. He took part in three trips from England to North America. He introduced the Douglas fir in 1827, as well as several other pines, fir trees, the lupin and the flowering currant. Douglas died on an expedition to Hawaii while climbing a mountain called Mauna Kea.



The Plant Hunters



Jeanne Baret 1740 - 1807

Jeanne Baret was a French woman who accompanied her partner, the botanist Philbert Commerson, on an expedition to South America, Tahiti and Mauritius. She was the first woman to sail around the world. Women were not allowed on board ships at that time so she had to disguise herself as a man to join the expedition. She and Commerson introduced the bougainvillea to Europe, as well as around 70 other plants. Only one, the *solanum baretiae*, was named after her.

Tom Hart Dyke 1976 - Present

Tom Hart Dyke is an English horticulturalist and plant hunter. He is the designer of the World Garden at Lullingstone Castle. The World Garden contains around 8000 species of plants, many collected by Hart Dyke himself. Tom Hart Dyke was kidnapped on an expedition to collect a rare orchid in South America. He was held captive for nine months with his friend, Paul Winder. When he was released, he returned home and created his World Garden. He still hunts rare plants today.



Plant Hunters Activity

Can you match the facts on your **Plant Hunters Activity Sheet** to the famous explorer?

The image shows two identical 'Plant Hunters' activity sheets laid out on a wooden surface. A magnifying glass is positioned over the right sheet, and a yellow pencil with a red eraser is pointing at the left sheet. The sheets are designed for a matching exercise between facts and famous explorers.

Plant Hunters

I can describe how people brought new plants to our country.

Match the facts on the left with the correct famous explorer and plant hunter on the right.

Facts (Left Column):

- This plant hunter was involved in setting up the Royal Gardens at Kew.
- This plant hunter introduced the Douglas fir, the lupin and the flowering currant.
- This plant hunter was the first woman to sail around the world.
- This plant hunter was kidnapped in South America while looking for orchids.
- This plant hunter introduced the bougainvillea.
- This plant hunter designed and created the World Garden, containing over 8000 species of plants.
- This plant hunter introduced the eucalyptus and acacia trees.
- This plant hunter died while climbing a mountain in Hawaii.

Explorers (Right Column):

- Joseph Banks
- David Douglas
- Jeanne Baret
- Tom Hart Dyke

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Science | Year 3 | Scientists and Inventors | Plant Hunters | Lesson 1