

Year 2

Autumn 1

Big Question- How have explorers changed the world?

Please read through the following with your child to prepare them for what they will be learning:

Neil Armstrong:

Key Dates	
5.8.30	Birth of Neil Armstrong
5.8.46	At 16 Neil Armstrong got his pilot's licence
1952	Neil Armstrong joins N.A.S.A.
March 1966	Neil's first mission into space with David Scott called the Gemini Mission
21.7.69	Apollo 11 went into orbit around the moon Neil Armstrong first man to walk on moon.
24.7.69	Return to Earth and land in the Pacific Ocean.
25.8.12	Neil Armstrong died aged 82.

This is where Neil Armstrong was born in North America. You can see the Pacific Ocean labelled.



Key Information	
NASA	Neil Armstrong was an astronaut who worked for NASA(National Aeronautics and Space Administration).
Important Dates:	Neil was born the oldest of 3 children in Ohio U.S.A. Neil Armstrong died on the twenty-fifth of August 2012 aged 82.
Continent:	North America
Space Mission:	Neil was Commander of the Apollo 11 space mission to be the first crew to orbit and land on the moon.
Moon Landing:	Neil Armstrong was the first man to walk on the moon.
Famous Quotes:	"One small step for man, one giant leap for mankind." "The Eagle has landed."
Crew members of the Apollo 11	Crew of Apollo 11 were Neil Armstrong and two other astronauts. Their names were Buzz Aldrin and Michael Collins.
Ocean:	Apollo 11 landed in the Pacific Ocean on their return to Earth.

Vocabulary	
U.S.A	United States of America
astronaut	Person who goes into space
N.A.S.A.	National Aeronautics and Space Administration
commander	Person in charge
Pilots licence	Proof that person can fly a aeroplane
orbit	Go round
Earth	The planet we live on

Here are pictures of Neil Armstrong as a baby, landing on the moon and of Neil in later life. You can see the flag of the United States of America.



Plants:

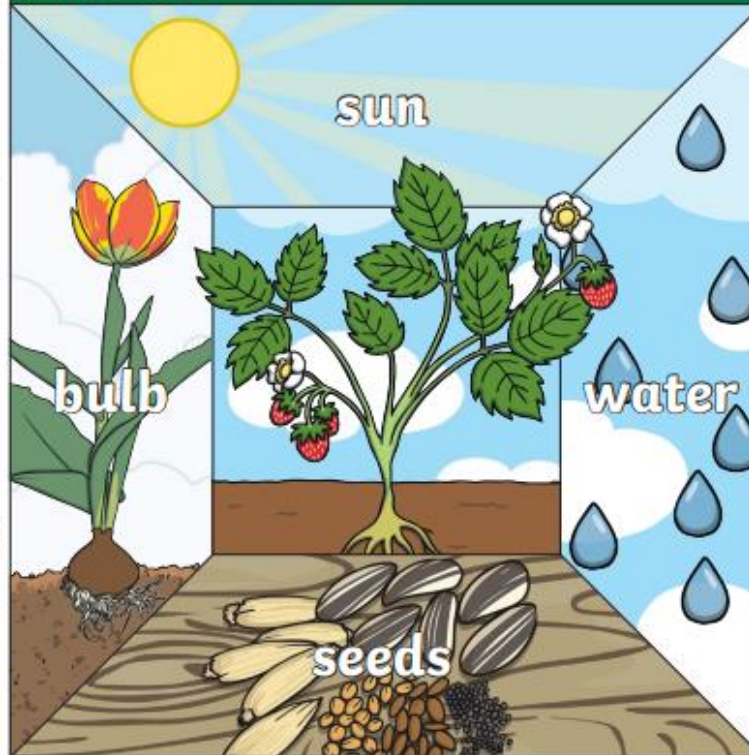
Key Vocabulary

What do plants need to grow well?

sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight . Some plants only need a little sunlight .
water	All plants need water to grow. Without water , seeds and bulbs will not germinate .
temperature	Temperature is how warm or cold something or somewhere is. Some plants like cooler temperatures and some like warmer temperatures .
nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight .

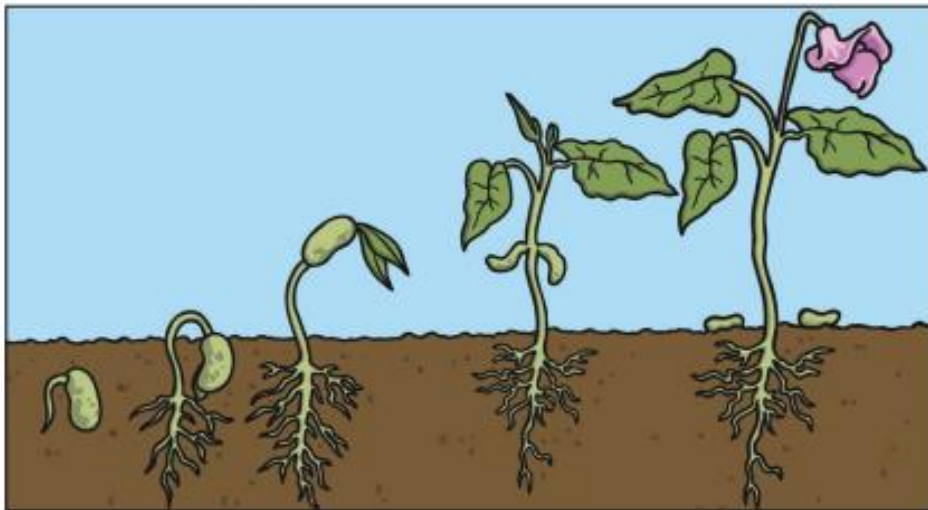


Key Knowledge

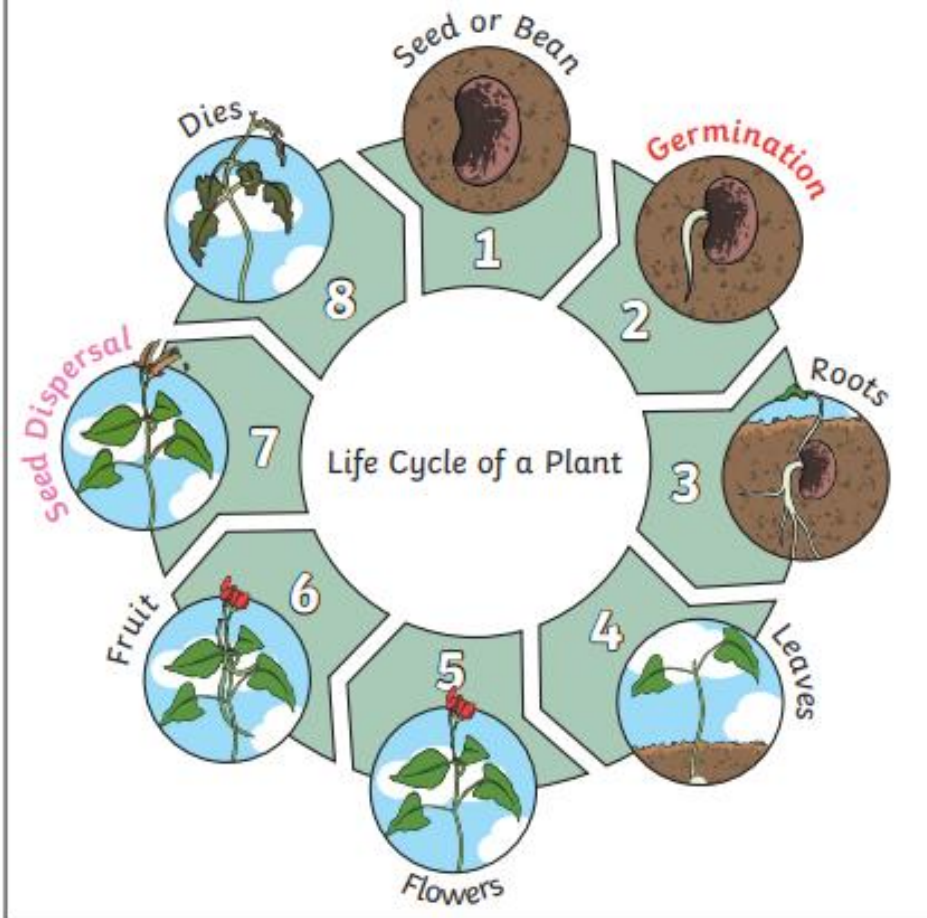


Key Vocabulary



germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination .
shoot	A shoot grows upwards from the seed or plant to find sunlight .
seed dispersal	Seed dispersal is when the seeds move away from the parent plant. They can drop to the ground in the plant's fruit or be moved by the wind or animals.



Key Knowledge



Continents and Oceans:

What should I already know?	Vocabulary	Important facts																																										
<p>I live in the United Kingdom. I live in London and London is a city. The United Kingdom is made up of England, Wales, Scotland and Northern Ireland. There are different Seasons such as Spring, Summer, Autumn and Winter.</p> <p>Maps</p> 	<table border="1"> <tr> <td>Antarctic</td> <td>a polar region in the South Pole</td> </tr> <tr> <td>Arctic</td> <td>a polar region in the North Pole</td> </tr> <tr> <td>Beach:</td> <td>a landform by the sea, usually sand and/or rock</td> </tr> <tr> <td>Cliff:</td> <td>a vertical or near vertical rock feature, usually on the coast</td> </tr> <tr> <td>Coast:</td> <td>the region where land meets sea</td> </tr> <tr> <td>Continent</td> <td>land mass defined by physical, human, or cultural features: Europe, Africa, Antarctica, Asia, Oceania, North America or South America</td> </tr> <tr> <td>Country</td> <td>Political area defined by physical, human or cultural features</td> </tr> <tr> <td>Desert</td> <td>a dry area of land which receives very little rain or precipitation</td> </tr> <tr> <td>Endangered</td> <td>a species which is at risk of becoming extinct</td> </tr> <tr> <td>Equator</td> <td>imaginary line around the middle of the Earth where day and night are almost equal, and there is little change in season; some areas have a dry season and wet season</td> </tr> <tr> <td>Forest</td> <td>large area covered with trees</td> </tr> <tr> <td>Migration</td> <td>the movement of people or animals from one place to another</td> </tr> <tr> <td>Mountain</td> <td>large landform, often with a peak, rising and earth rising high above the surrounding area; higher and steeper than a hill</td> </tr> <tr> <td>North, South, East, West</td> <td>compass points, locational vocabulary</td> </tr> <tr> <td>North Pole</td> <td>the most northerly place of the Earth</td> </tr> <tr> <td>Seasons</td> <td>a time of year marked by certain conditions: spring, summer, autumn, winter</td> </tr> <tr> <td>Symbol</td> <td>picture on a map to show a feature on a map</td> </tr> <tr> <td>Village:</td> <td>a place where people live, smaller than a town.</td> </tr> <tr> <td>Weather</td> <td>conditions in the atmosphere on a particular day, such as temperature, windiness, rainfall, hours of sunshine or cloud cover.</td> </tr> <tr> <td>Wild</td> <td>land not farmed, used for parks or gardens, or built on</td> </tr> <tr> <td>Wood:</td> <td>land covered with trees, smaller than a forest.</td> </tr> </table>	Antarctic	a polar region in the South Pole	Arctic	a polar region in the North Pole	Beach:	a landform by the sea, usually sand and/or rock	Cliff:	a vertical or near vertical rock feature, usually on the coast	Coast:	the region where land meets sea	Continent	land mass defined by physical, human, or cultural features: Europe, Africa, Antarctica, Asia, Oceania, North America or South America	Country	Political area defined by physical, human or cultural features	Desert	a dry area of land which receives very little rain or precipitation	Endangered	a species which is at risk of becoming extinct	Equator	imaginary line around the middle of the Earth where day and night are almost equal, and there is little change in season; some areas have a dry season and wet season	Forest	large area covered with trees	Migration	the movement of people or animals from one place to another	Mountain	large landform, often with a peak, rising and earth rising high above the surrounding area; higher and steeper than a hill	North, South, East, West	compass points, locational vocabulary	North Pole	the most northerly place of the Earth	Seasons	a time of year marked by certain conditions: spring, summer, autumn, winter	Symbol	picture on a map to show a feature on a map	Village:	a place where people live, smaller than a town.	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Its largest country is Brazil.</p> <p>Europe houses the two smallest countries in the world: Vatican City which is located inside Rome/Italy and Monaco which is bordered on three sides by France.</p> <p>The most languages are spoken in Asia - over 2 300 languages!</p> <p>Antarctica is the smallest continent by population numbers. This means the huge continent is only sparsely populated. On Antarctica there are only research stations for scientists and no permanent settlements. Antarctica is covered almost completely by ice. 90% of the planet's ice is located on this continent, which also makes up 60% - 70% of the world's freshwater supply.</p>
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<ul style="list-style-type: none"> To use simple compass directions (north, south, east and west) and locational and directional language [for example, near and far, left and right], to describe the location of features and routes on a map To use world maps, atlases and globes to identify the countries, continents and oceans To identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles 		<p style="text-align: center;">Quiz</p> <ol style="list-style-type: none"> Can you name all 7 continents of the world? Can you name all 5 oceans of the world? Which continent is the United Kingdom located in? Which continent is India located in? What ocean separates Europe and North America? 																																										

