



Knowledge about Explorers and Significant Individuals

- ☐ In the past there were no mobile phones and no internet.
- ☐ An explorer is someone who travels to places about which very little is known, in order to discover what is there. Many of these places are remote in the world and may be extreme in their weather conditions.
- ☐ An explorer will document what they find in a new area and will try to explain its significance and to educate other people.
- ☐ Explorers need specific supplies and resources for their journeys. This will depend on the destination of their voyage or expedition.

Christopher Columbus and the Santa Maria

- ☐ Christopher Columbus was born in Italy in October 1451. He dies in May 1506.
- ☐ As a child, he learned to sail in a wooden ship with sails. He used the sun and stars to navigate the sea. He became a sailor in 1475.
- ☐ In 1492, Columbus set sail from Spain on board the Santa Maria with 2 other ships; Nina and Pinta, and 90 men. He was hoping to reach India and China but actually landed in the West Indies.
- ☐ Life on board the Santa Maria was hard. The crew worked in four-hour shifts. They had to pump bilge, cleaning the deck, working the sails and checking ropes and cargo.
- ☐ They slept anywhere they could find space. Only the Captain had private room. Live animals were kept in the lower decks.
- ☐ The sailors lives were hard, they often died from disease, hunger and thirst. They had 1 hot meal a day. They ate ship's biscuits, pickled or salted meal, dried peas, cheese, wine and fish.

Neil Armstrong and the Apollo 11

- ☐ Neil Armstrong was born in American in 1930 and he died in 2012. He was the first person to walk on the moon.
- ☐ He loved flying and flew fighter planes for the American Navy and tested rocket – powered planes.
- ☐ He became an astronaut and worked for NASA. On July 20th 1969 he landed on the moon. It took 3 days to get there.
- ☐ As he stepped onto the moon, he said, "That's one small step for man, one giant leap for mankind." On the moon he collected rock samples.
- ☐ His footprints will stay on the moon because there is no wind to blow them away. No astronaut has been to the moon since 1972.

Subject-Specific Vocabulary

Word	Definition
Tier 1	
<input type="checkbox"/> Explore	Travel through an unfamiliar area in order to learn about it.
<input type="checkbox"/> Explorer	A person who explores a new or unfamiliar area.
Tier 2	
<input type="checkbox"/> Christopher Columbus	An Italian explorer who completed four voyages across the Atlantic Ocean.
<input type="checkbox"/> Expedition	A journey undertaken by a group of people with a particular purpose.
<input type="checkbox"/> Helen Thayer	A modern day explorer from New Zealand.
<input type="checkbox"/> Navigate	plan and direct the course of a ship, aircraft, or other form of transport, especially by using instruments or maps.
<input type="checkbox"/> Robert Scott	A Royal Navy officer and explorer who led two expeditions to the Antarctic regions.
<input type="checkbox"/> Supplies	Items that are needed or wanted.
Tier 3	
<input type="checkbox"/> Bilge	The area on the outer surface of a ship's hull where the bottom curves to meet the vertical sides.
<input type="checkbox"/> Communication	The exchange of information through speaking, writing or a different media.
<input type="checkbox"/> NASA	National Aeronautics and Space Administration. This is the organisation that Neil Armstrong worked for.
<input type="checkbox"/> Significant	Sufficiently great or important to be worthy of attention.

- ☐ Cramped spaces and weightlessness made living on the Apollo very different from earth. Astronauts had to adjust how they ate and slept.

- ☐ Food was preserved through freeze-drying. There was an oxygen system to pump 100% oxygen into the space craft to help them to breathe.

- ☐ They covered the windows to block out the sun and slept in sleeping bags that floated freely or were tied down.

Themes:



Robert Scott and the Terra Nova

- ☐ Robert Scott was a British explorer. He was born in 1868 and died in 1912.
- ☐ He joined the Navy in 1881 aged 13 and in 1901 and 1904 lead the Discovery Expedition to Antarctica.
- ☐ He travelled to Antarctica on a ship called the Terra Nova in 1910 because he wanted to be the first person to reach the South Pole. He also wanted to find out more about the animals, weather and conditions.
- ☐ He took simple clothes and only dogs to transport the equipment.
- ☐ He reached the South Pole but had been beaten by the Norwegians. He died on his return journey because of a lack of food and the freezing cold.
- ☐ The Terra Nova was a whaling ship. It was a wooden ship with steel enforcements to help it cut through the thick ice.
- ☐ The crew had nice conditions. They read in their spare time. They sang sea shanties and when they reached Antarctica they cooked meals using a portable piece of apparatus called a Blubber Stove.
- ☐ On board there was a chef who cooked them a feast in Antarctica on Christmas day.

Helen Thayer and Aeroplanes

- ☐ Helen Thayer was born in New Zealand on 12th November 1937. She now lives in America. She always loved the outdoors and adventures.
- ☐ In 1946 she climbed her first mountain called Mount Taranaki. She was 9 years old. In 1975 she became the American National Champion in the ice-sledding sport.
- ☐ In 1988, aged 50, she travelled on her own to the North Pole and only had her dog Charlie with her. She lived with wolves for a year and a half in Canada and walked 1600 miles across the Gobi Desert.
- ☐ In 1996 she was the first woman to walk 4000 miles across the Sahara from Morocco to the River Nile. She travelled with her husband Bill.
- ☐ She travelled on a passenger plane. This flight took 29 hours.
- ☐ In 1849 gliders were invented. These were aircrafts without engines. The Wright Brothers experimented with these and built a plane with wooden propellers and a gasoline engine. This was in 1903.
- ☐ The first commercial plan was piloted in 1914 and since then planes have evolved more and more.