

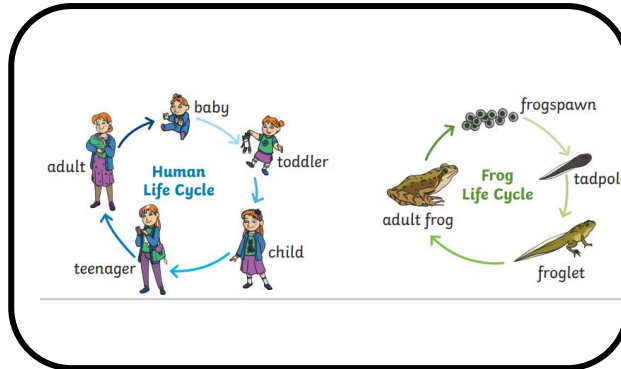
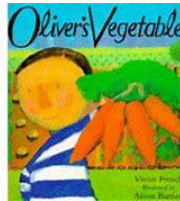
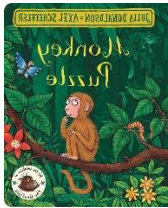


Animals including Humans

Year 2 Science Knowledge Mat



Exciting Books



Subject Specific Vocabulary

adult	A fully grown animal or plant
develop	To grow bigger and become stronger
life-cycle	The changes living things go through to become an adult
offspring	The child of an animal
young	Offspring which has not yet reached adult hood
live young	Offspring that has not yet hatched from an egg
diet	The food and water that an animal needs
exercise	Physical activity to keep your body fit
germs	Tiny living things that can cause disease
hygiene	How we keep ourselves and the world around us clean so we can stop germs from spreading
nutrition	Food needed to live
pulse	The beating of your heart that you can feel in your neck and wrist

Sticky Knowledge about Animals including Humans

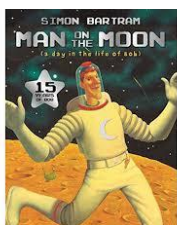
- Some animals give birth to live young
- Some animals lay eggs which the young hatch from
- Notice that animals, including humans, have offspring which grow into adults
- Some offspring look like their adult when they are born
- Some offspring do not look like their adult when they are born
- To stay alive all animals have three basic needs for survival - air, water, food
- Being active and exercising keeps our bodies and minds healthy
- To stop germs from spreading it is important to be hygienic
- Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene

Prior Learning	Reception: exploring natural world pictures of plants and animals, Healthy eating, omnivore, carnivore, herbivore	Year 1 : fish - breathe through gills, amphibians - cold blooded have moist skin and lay eggs, birds - have feathers and lay eggs, mammals - warm blooded give birth to live young, reptiles - cold blooded have scales. Carnivore - eat meat, herbivore - eat plants, omnivore - eats meat and plant Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense
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Significant individuals Year 2 History Knowledge Mat

Exciting Books



Sticky Knowledge about different The Race to Space

The race to space was between two countries Russia (USSR) and America

1969, the Apollo 11 mission landed on the moon. The rocket Saturn 5 was used to blast them into space. "The Eagle" was the lunar module that landed on the moon. The astronauts were Neil Armstrong, Buzz Aldrin and Michael Collins.

Neil Armstrong is famous for being the first man to walk on the moon 1969. He said, "That's one small step for man, one giant leap for mankind."

The moon landing is still the 5th most watched TV programme to date.

1961 - The first man in space - Yuri Gagarin (Russian) in a rocket called Vostok

Laika the dog was the first animal to orbit the earth

Prior Learning

Reception: Astronaut job definition, different environments of planets, our planet is Earth, Rocket and moon buggy, drawings of space

Subject Specific Vocabulary

famous	Someone who is known about by many people.
significant individual	A person who has done something important.
timeline	A graphical representation of a period of time, on which important events are marked.
rocket	The word rocket can mean different things. A rocket is a type of engine that launches into space. They can be manned, (have astronauts aboard), or unmanned.
astronaut	An astronaut is a special kind of scientist that travels into space to study things like asteroids, the earth's atmosphere and the moon. In Greek it means 'space sailor'.
cosmonaut	What the Russians call their astronauts.
lunar	A word relating to the moon.
orbit	To go around something.

Year 1 : Timeline, Significant individual - Princess Diana, Describe things that have happened in the past

