

Trailblazers Cycle A: Summer Term 2 -Animals, including humans (Year 5) Overview, Vocabulary and Sticky Knowledge



What do I already know about Animals, including humans?

<u>In Little Explorers, I learned...</u>

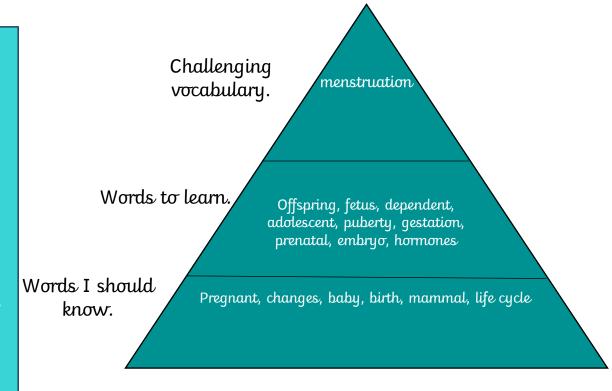
- Key parts of my body are my arms, legs, toes, nose and eyes.
- Bodies change as we grow.
- My five senses are: touch, taste, hear, see and smell.

<u>In Big Explorers</u>, I learned...

- My ears help me to hear, My nose helps me to smell,
 My eyes help me to see, My tongue helps me to taste,
 My body helps me to touch.
- Humans need to stay healthy by exercising, eating the right food and staying clean.

In Philosophers, I learned...

- 1) Animals, including humans, get their nutrition from what they eat.
- 2) Animals, including humans, need the right type and amount of nutrition.
- 3) Skeletons and muscles are for support, protection and movement.



Key facts I will learn...

- 1) Young mammals are dependent on their parents
- 2) The gestation period when a foetus develops inside the female.
- 3) During puberty, hormones cause physical, mental and emotional changes.



Knowledge Organiser: Animals Including Humans

Careers connected to Animals Including Humans: field biologist, wildlife biologist, zoologist, midwife, research biologist.















Lesson Sequence



1. Identify the key stages of a mammal's life cycle



2. Explore the gestation periods of mammals



3. Learn about foetal development



4. Investigate the hand span of different aged children



5. Learn about the changes experienced in puberty



6. Describe the changes humans may experience during old age

Human Gestation Period (9 months*)

The gestation period is when the foetus develops inside the female. It is different in all mammals.



Some animals give birth to 1 baby - the North American Opossum has between 16 and 20!

- Humans 9 months
- Elephants 23 months
- Basking shark 42 months
- North American Opossum 12 days

Human Adults (21-100 years*)





· Adults reproduce so the whole cycle starts again.



A middle-aged adult



An elderly adult

Human Young (0-3years*)

Young mammals (babies) are dependent - they:





- have poor muscle control
- need lots of sleep
- cannot control toileting

Puppies are born with their eyes closed.

Human babies see light and dark.

Toddlers begin walking between 1-2 years.

Human Youngsters (4-11 years*)

Human and other mammal youngsters walk independently, eat independently and toilet independently. They begin to learn new skills.





Human Adolescents/Young Adults (12-21 years*)

- Shoulders broaden
- More muscly
- Hair on legs, chest and face
- Penis and scrotum develops
- Voice breaks

During puberty, hormones cause physical, mental and emotional changes. Some are the same for boys and girls:

- Hair on armpits and groin.
- Greasy skin/spots
- **Mood swings**



- Hips broaden
- Breasts develop
- Menstruation starts (periods)

*These are approximate ages – every individual is different.