# Year 5: Animals including **Humans**



# What I already know:

That animals and humans have offspring

How bodies move and what they need to stay healthy (exercise, hygiene and diet)

That plants can make food but animals can not

# **Learning Journey**

Sc5/2.2a describe the changes as humans develop to old age.

To draw a timeline to indicate stages in the growth and development of humans.

To learn about the changes experienced in puberty. To research the gestation periods of other animals and comparing them with humans

# **Key Question:**

Can you name three ways in which the human body changes from baby to adulthood?

# **Key Vocabulary:**

The social and emotional stage of development between childhood and adulthood. adolescence The physical stage of development between childhood and adulthood. puberty When the female body discharges the lining of the uterus. This happens approximately once a month. menstruation adulthood The stage of development when a human is fully grown and mature. The length of time, on average, that a particular animal is expected to live. life expectancy fertilisation The process of the male and female sex cells fusing together. The stage of development from the time of **fertilisation** to the time of birth. prenatal

A process where two parents - one male and one female - are required to produce new life. sexual reproduction

The process or time when prenatal development takes place before birth.

life cycle The changes a living thing goes through, including reproduction.



gestation

reproduce





To produce young.

Ages of 9 and 12

Animal	Av. Lifespan	Av. Gestation Period
Elephant	70 years	22 months
Hippopotamus	45 years	8 months
Chimpanzee	35 years	7 months
Dog	15 years	2 months (and a bit)
Mouse	3 years	1 month
Horse	30 years	11 months
Human	80 years	9 months

## fertilisation

prenatal

is born.

The cells develop

and grow into a

foetus inside the

mother's uterus.

After around nine

months, the baby

The male and female sex cells fuse together.



### infancu

Rapid growth and development. Children learn to walk and talk.

#### childhood

Children learn new skills and become more independent.

#### adolescence

Powerful knowledge

The body starts to change over a few years. The changes occur to enable reproduction during adulthood.

Much more independent.

### middle adulthood

Ability to reproduce decreases.

There may be hair loss or hair may turn grey.

#### late adulthood

Leading a healthy lifestyle can help to slow down the decline in fitness and health which occurs during this stage.

## early adulthood

The human body is at its peak of fitness and strength.

