



Buglawton Primary School

Be the Best We Can

Topic: Humans including animals

Subject: Science

Year: 5

Term: Spring

What should I already know?

- Describe the simple functions of the basic parts of the digestive system in humans.
- Identify the different types of teeth in humans and their simple functions.
- Construct and interpret a variety of food chains, identifying producers, predators and prey.

What will I know and by the end of the unit?

- Describe the changes as humans develop to old age.

What will I be able to do by the end of the unit?

- Can explain the changes that takes place in boys and girls during puberty
- Can explain how a baby changes physically as it grows, and also what it is able to do

Key Knowledge

Puberty for Girls

Puberty for Boys

grow taller

sweat glands produce more sweat

all parts of the body grow

Key Vocabulary

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

Key Knowledge

fertilisation
The male and female sex cells fuse together.

prenatal
The cells develop and grow into a foetus inside the mother's uterus. After around nine months, the baby is born.

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

childhood
Children learn new skills and become more independent.

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

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

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.

Key Vocabulary

fertilisation	The process of the male and female sex cells fusing together.
prenatal	The stage of development from the time of fertilisation to the time of birth.
gestation	The process or time when prenatal development takes place before birth.
reproduce	To produce young.
asexual reproduction	A process where one parent produces new life.
sexual reproduction	A process where two parents – one male and one female – are required to produce new life.
life cycle	The changes a living thing goes through, including reproduction.

Agreed Real Life Outcome:

Can present information about the changes occurring during puberty as an information leaflet for other Y5 children or answers to 'problem page questions'