



Animals including Humans

Animals including Humans- Year 4 coverage:

During Year 4, the children completed some of their Science learning at home. We will revisit these Year 4 areas to ensure secure learning alongside the new unit:

- To describe the simple functions of the basic parts of the digestive system in humans.
- To identify the different types of teeth in humans and their simple functions.
- To construct and interpret a variety of food chains, identifying producers, predators and prey.

In this unit the children will learn to:

- describe the stages of human development.
- explain how babies grow and develop.
- describe and explain the main changes that occur during puberty.
- identify the changes that take place in old age.



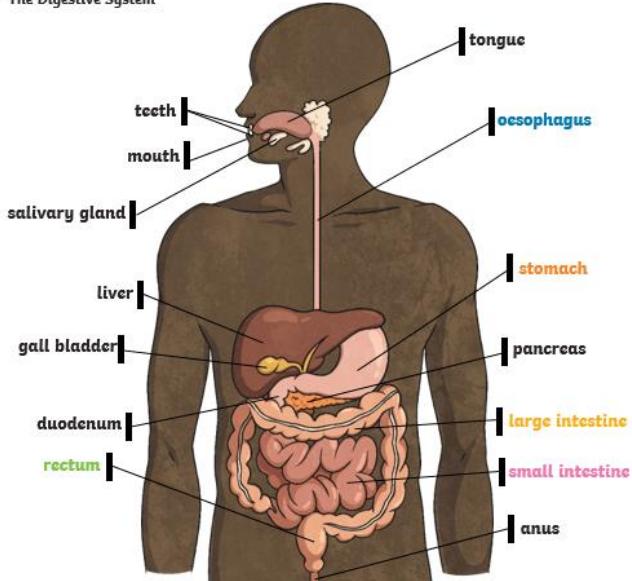
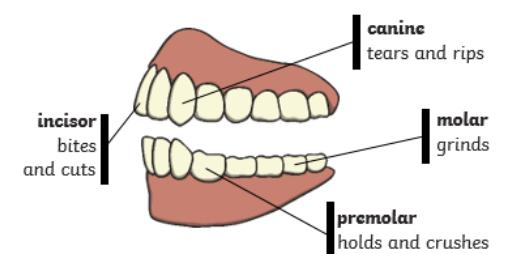
Working Scientifically skills used:

- Record data and results of increasing complexity using bar and line graphs in the context of the growth of babies in height and/or weight during their first year after birth.
- Report findings from enquiries, including oral and written explanations of results in the context of the gestation period for animals.



Useful resources:

- <https://www.nhs.uk/livewell/puberty/documents/4youmarch2010nonprinting.pdf>
- <https://www.twinkl.co.uk/blog/how-to-talk-about-puberty-a-guide-for-parents>
- <https://www.autism.org.uk/advice-and-guidance/topics/family-life-and-relationships/sex-education/parents-and-carers>
- <https://www.childline.org.uk/info-advice/you-your-body/puberty/>
- <https://www.nhs.uk/live-well/sexual-health/stages-of-puberty-what-happens-to-boys-and-girls/>

**Key Facts:****The Digestive System****Human Teeth and Their Functions****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.

Reproduction: 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.

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.