

Bretnside Knowledge Organiser - Science

Year: 5

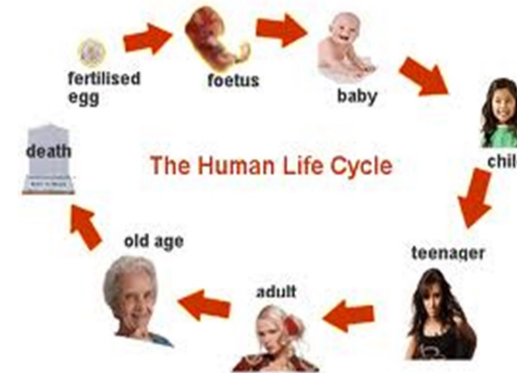
Topic: How different will you be when you are as old as your grandparents?

National curriculum: Animals (Including Humans)

What I should already know:

Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat identify that humans and some other animals have skeletons and muscles for support, protection and movement. Notice that animals, including humans, have offspring, which grow into adults; Find out about and describe the basic needs of animals, including humans for survival (water, food and air); Describe the importance for humans of exercise, eating the right amount of different types of food, and hygiene.

Diagrams:



What I should know at the end of the topic:

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| | I can predict changes that will occur in 20 years time |
| | I can name stage of development and briefly explain changes occurring while growing |
| | I can compare data about the gestation periods of humans and other animals |
| | I can find out and record the length and mass of a baby as it grows. |
| | I can describe the changes as humans develop to old age. |

Vocabulary

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|------------------|---|
| gestation | The process or period of developing inside the womb between conception and birth |
| infancy | |
| puberty | A period during which adolescents reach sexual maturity and become capable of reproduction. |
| life expectancy | The average period that a person may be expected to live |
| foetus | An unborn or unhatched offspring of a mammal. |
| Adolescence | The time in a person's life when he or she develops from a child into an adult. It is a stage of development between the ages of 11 and 18. |
| Early adulthood | Period of development between the ages of 19 and 45. During this stage the individual will reach physical maturity. |
| Middle adulthood | Stage of development between the ages of 45 and 65. The body starts its slow decline. |
| Late adulthood | Period of development over the age of 66. |

Investigate:

Can you..... Identify what you can do now that you could not do when you were younger?