

Science Year 5 Summer 2: Animals Including Humans

Key vocabulary to learn and use in your learning

| Word | Definition |
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| fertilisation | The process of the male and female sex cells fusing together. |
| gestation | The process of time when prenatal development takes places 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. |
| adolescence | The social and emotional development between childhood and adulthood. |
| puberty | The physical stage of development between childhood and adulthood. |
| life expectancy | The length of time, on average, that a particular animal is expected to live. |

Key knowledge to learn and use

| The human reproductive system | |
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| What is fertilisation? | The male and female sex cells fuse together. |
| What is puberty? | Usually, puberty starts between ages 8 and 13 in girls and ages 9 and 15 in boys. At that stage, their pituitary gland (a pea-shaped gland located at the bottom of your brain) releases special hormones that change and mature the body ready for reproduction. |
| Becoming old | As you get older, your skin wrinkles because it becomes thinner and less elastic. It gets drier too as it makes less oil and sweat. Your bones become more visible as you store less fat beneath your skin. Inside the body your bones and muscle become weaker. Your memory gets worse, and your immune system cannot fight disease as easily. |

Fetal Growth From 8 to 40 Weeks

