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| Year 5 Knowledge Organiser: Animals including Humans | | |
| Working Scientifically: Equipment, testing, gather, record, data, compare, sort, change, measurement | | |
| *Subject Specific Vocabulary* | | *What should I already know?* |
| **adolescence** | the period of your life in which you develop from  being a child into being an adult | |  | | --- | | * Animals can be grouped into vertebrates (and then further into fish, reptiles, amphibians, birds and mammals). * Some examples of life cycles (including those of plants and humans) * Reproduction and growth are two of the seven life processes. * How to live a healthy lifestyle. |   Sticky Knowledge   * The main stages of the human life cycle:   + foetus - an unborn animal or human being in the very early stages of development   + new-born - this is a baby that has just been born.   + infancy - this is a period of rapid change. Many toddlers learn to walk and talk at this stage.   + childhood - children learn new things as they grow. They become more independent.   + adolescence - this is when the body starts to change and prepare itself for adulthood. Hormonal changes take place over a few years. This is also known as puberty.   + early adulthood - this is when humans are usually at their fittest and strongest.   + middle adulthood - changes such as hair loss may happen. There are also some hormonal changes again and the ability to reproduce decreases.   + late adulthood - there is a decline in fitness and strength   • Puberty is the change that happens in late childhood and adolescence where the body starts to change because of hormones.  • Some changes include growth in height, more sweat, hair growth in different parts of the body. Females begin to menstruate. |
| **adulthood** | the state of being an adult |
| **development** | the gradual growth or formation of something |
| **foetus** | an animal or human being in its later stages of development before it is born |
| **gestation** | the process in which babies grow inside their mother's body before they are born |
| **growth** | an increase in something |
| **hormones** | a chemical, usually occurring naturally in your body, that makes an organ of your body do  something |
| **independent** | If someone is independent, they do not need help |
| **infancy** | the period of your life when you are a very young child |
| **life cycle** | the series of changes that an animal or plant passes through from the beginning of its life until its death |
| **life processes** | There are seven processes that tell us that living things are alive |
| **mature** | When a child or young animal matures, it becomes an adult |
| **offspring** | a person's children or an animal's young |
| **puberty** | the stage in someone's life when their body starts to become physically mature |
| **reproduction** | when an animal or plant produces one or more individuals similar to itself |
| **toddler** | a young child who has only just learned to walk |

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| *Subject Specific Vocabulary* | | *What should I already know?* |
| **adolescence** | When you develop from being a child into being an adult. | |  | | --- | | * Animals can be grouped into vertebrates (and then further into fish, reptiles, amphibians, birds and mammals). * Some examples of life cycles (including those of plants and humans) * Reproduction and growth are two of the seven life processes. * How to live a healthy lifestyle. |   Sticky Knowledge   * The main stages of the human life cycle:      * Puberty is the change that happens in late childhood and adolescence where the body starts to change because of hormones.   • Some changes include growth in height, more sweat, hair growth in different parts of the body. |
| **adulthood** | Being an adult. |
| **development** | Gradual growth. |
| **foetus** | Later stages of growth before a human or animal is born. |
| **gestation** | The process when babies grow inside their mother's body before they are born. |
| **growth** | An increase in something. |
| **hormones** | A chemical, usually occurring naturally in your body, that makes an organ of your body do something. |
| **independent** | When someone does not need help. |
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| **mature** | When a child or young animal becomes an adult. |
| **offspring** | A person's children or an animal's young. |
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