



Year 5: Life Cycles Knowledge Mat

| Subject Specific Vocabulary | | Interesting Books | Sticky Knowledge about Life Cycles |
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| puberty | Is the name for the time when your body begins to develop and change as you move from childhood to adult. | | <p>Sticky Knowledge about Life Cycles</p> <ul style="list-style-type: none"> ❑ The years between 6 and 14 - middle childhood and early adolescence - are a time of important developmental advances that establish children's sense of identity. ❑ Many insects have four stages in their life cycle: egg or the unborn stage; larva – young stage; pupa – inactive no feeding) stage; and, adult stage. ❑ In general, the life cycles of plants and animals have three basic stages including a fertilized egg or seed, immature juvenile, and adult. However, some organisms may have more than 3 life cycle stages, and the exact names of each stage can slightly differ depending on the species. ❑ The early years, especially the first three years of life, are very important for building the baby's brain. A child's brain develops rapidly during the first five years of life, especially the first three years. It is a time of rapid cognitive, linguistic, social, emotional and motor development. |
| gestation | Gestation, in mammals, the time between conception and birth, during which the embryo is developing in the uterus. | | |
| classification | This is the grouping together of similar species of plant, animal and other organisms. | | |
| precision | For scientists, precision describes a measurement system, that is, how good it is at giving the same result every time it measures the same thing. | | |
| reproduction | It is the way different plants and animals make new plants and animals. The reproduction system differs in plants and animals. | | |
| teenager | It is the age between thirteen and nineteen. The 'teen' element gives rise to the word teenager. It is a time that humans mature quite rapidly. | | |
| obese | Obesity is the condition of being much too heavy for one's height so that one's health is affected. In other words, it means to be too overweight. | | |
| toddler | Is the period that a young child starts to walk and become more independent. | | |
| embryo | Fertilisation happens when an egg cell meets with a sperm cell and joins with it. The fertilised egg divides to form a ball of cells called an embryo | <p>Important facts to know by the end of the life cycles topic:</p> <ul style="list-style-type: none"> • know the life cycle of different living things, e.g. mammal, amphibian, insect bird. • know the differences between different life cycles. • know the process of reproduction in plants. • know the process of reproduction in animals. • create a timeline to indicate stages of growth in humans. | |