


# Year 5: Life Cycles Knowledge Mat

Subject Specific Vocabulary		Interesting Books	Sticky Knowledge about Life Cycles
<b>puberty</b>	Puberty is the name for the time when your body begins to develop and change as you move from childhood to adulthood.	 <p><b>Important facts to know by the end of the life cycles topic:</b></p> <ul style="list-style-type: none"> <li>• Know the life cycle of different living things, e.g. mammal, amphibian, insect and bird.</li> <li>• Know the differences between different life cycles.</li> <li>• Know the process of reproduction in plants.</li> <li>• Know the process of reproduction in animals.</li> <li>• Create a timeline to indicate stages of growth in humans.</li> </ul>	<ul style="list-style-type: none"> <li>❑ 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.</li> <li>❑ 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.</li> <li>❑ In general, the life cycles of plants and animals have three basic stages including a fertilised egg or seed, immature juvenile, and adult. However, some organisms may have more than three life cycle stages, and the exact names of each stage can slightly differ depending on the species.</li> <li>❑ 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.</li> </ul>
<b>gestation</b>	Gestation, in mammals, is the time between conception and birth, during which the embryo is developing in the uterus.		
<b>classification</b>	This is the grouping together of similar species of plant, animal and other organisms.		
<b>precision</b>	For scientists, precision describes a measurement system, that is, how reliable it is at giving the same result every time it measures the same thing.		
<b>reproduction</b>	Reproduction is the way different plants and animals make new plants and animals. The reproduction system differs in plants and animals.		
<b>teenager</b>	The age between thirteen and nineteen. The 'teen' element gives rise to the word teenager. It is a time that humans mature quite rapidly.		
<b>obese</b>	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.		
<b>toddler</b>	Is the period that a young child starts to walk and become more independent.		
<b>embryo</b>	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.		