
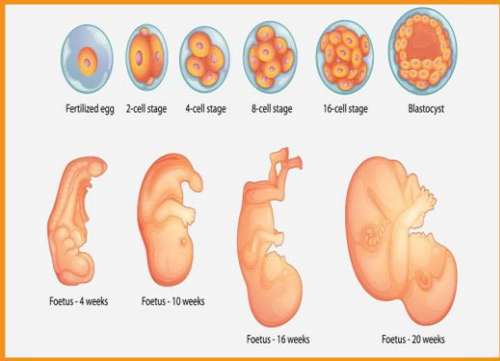


# Year 5: Science Changes from Birth to Old Age Knowledge Mat

Subject Specific Vocabulary		Human Development	Important knowledge
<b>gestation</b>	The gestation period, in mammals, is the time period between conception until birth, during which fetal development takes place	 	<ul style="list-style-type: none"> <li><input type="checkbox"/> I know the different stages of the human life cycle: baby, toddler, child, teen, adult, geriatric.</li> <li><input type="checkbox"/> I know what gestation is and that it differs depending on the species.</li> <li><input type="checkbox"/> I know that a fetus grows and changes as it develops.</li> <li><input type="checkbox"/> I know that there are features of childhood that are the same for all children, but that there are also differences. For example: All children do not have the same size feet.</li> <li><input type="checkbox"/> I know that eyesight and muscle strength diminishes as humans become old.</li> <li><input type="checkbox"/> I know the phases of human development and can describe the changes that occur.</li> </ul>
<b>fetus</b>	A fetus is the stage that an organism goes through before it is born as a baby		
<b>fertilisation</b>	Fertilisation, simply, is the joining of an egg and a sperm.		
<b>species</b>	A group of similar organisms that are able to reproduce.		
<b>toddler</b>	A toddler is a child approximately 12 to 36 months old.		
<b>childhood</b>	The period of being a child.		
<b>adolescent</b>	The time in a young person's life between childhood and adulthood.		
<b>geriatric</b>	The term used to describe old people.		
<b>puberty</b>	The process of physical changes through which a child's body matures into an adult body.		
<b>hormone</b>	Hormones are special chemicals your body makes to help it do certain things – like grow up.		

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- I know the phases of human development and can describe the changes that occur.
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- Working Scientifically:**
- I can decide whether questions can be answered by testing or by research.
- I can record gestation periods clearly using scientific vocabulary and symbols bar charts and line graphs.
- I can record my data about fetal development using clear scientific vocabulary in a line graph.
- I can identify patterns in my data and decide how to record it in a chart.
- I can take accurate measurements using weighing scales and understand why I need to repeat my measurements.
- I can say whether my research has answered my question.