





Leamington Primary Science Knowledge Organiser

Year 5 – How different will you be when you are as old as your grandparents? Strand – Biology



What I should already know	What I will learn	Important words to help me. (vocabulary)	Ideas for Scientific Enquiry																
<p>Humans develop. They have milestones throughout their life. E.g. Crawl, walk, talk, grow, teenager, adult, elderly etc.</p> <p>What's healthy and unhealthy? What keeps us fit and healthy? How this benefits our bodies/minds.</p> <p>As we get older, our bodies mature.</p> <p>Life and death.</p> <p>Interesting Facts</p> <p>Your life begins as a cell, no bigger than a pinprick!</p> <p>Tortoises' life expectancy can be up to 150 years!</p> 	<p>Our bodies change as we get older. Our human life cycle shows that we grow and develop from a baby, into a child, into an adult and into an elderly person.</p> <p>Every human is different-linking to genes- but have similarities. This could be physical features; eye colour, hair colour, similarities between family members.</p> <p>Understanding the importance of eating healthy and keeping fit will benefit your body and mind and enable your body to grow and help with keeping vital organs, bones and muscle healthy.</p> <p>Our bodies mature as we grow older, we change and so do certain aspects of our bodies. This is our body maturing and the lifecycle of a human.</p> <p>Animals and humans have life expectancies. These are statistical measures of the average time an organism is expected to live, based on the year of its birth, its current age and other demographic factors including gender. The most commonly used measure is life expectancy at birth.</p> <p>The journey of a person's life encounters on lots of different things. Children will understand memorable characteristics and the impact someone has on their lives can have an influence of how you remember someone.</p>	<table><tr><td>Life cycles.</td><td>The series of changes in the life of an organism including reproduction.</td></tr><tr><td>Milestones</td><td>A significant stage or event in the development of something.</td></tr><tr><td>Mature</td><td>Fully developed physically; full-grown.</td></tr><tr><td>Adult</td><td>A person who is fully grown or developed.</td></tr><tr><td>Elderly</td><td>(Of a person) old or ageing.</td></tr><tr><td>Life expectancy</td><td>The average period that a person may expect to live.</td></tr><tr><td>Characteristics</td><td>A feature or quality belonging typically to a person, place, or thing and serving to identify them.</td></tr><tr><td>Gender</td><td>A term that consists of you being male or female.</td></tr></table> <h2><u>The Human Life Cycle</u></h2> 	Life cycles.	The series of changes in the life of an organism including reproduction.	Milestones	A significant stage or event in the development of something.	Mature	Fully developed physically; full-grown.	Adult	A person who is fully grown or developed.	Elderly	(Of a person) old or ageing.	Life expectancy	The average period that a person may expect to live.	Characteristics	A feature or quality belonging typically to a person, place, or thing and serving to identify them.	Gender	A term that consists of you being male or female.	<p>Grouping</p> <p>Grouping activities you can do/can't do when you reach a certain age. E.g. passing your driving test, learning to walk etc.</p> <p>Secondary sources</p> <p>Researching life expectancy of certain animals. Compare them with life expectancy of a human.</p>
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