

Nova's Human Lifecycle Discovery

Learning objective: To describe the changes as humans develop from birth to old age.

Read each question carefully and use your knowledge of the human lifecycle to provide detailed answers. Use the word bank to help you with your scientific explanations.

Word bank: infancy · childhood · adolescence · adulthood · puberty · senescence · development · independence

1. Nova wants to know what happens during the stage of infancy. Describe two ways a baby relies on others for survival. (2 marks)

2. Explain what the term 'puberty' means and identify one physical change that occurs during this stage of adolescence. (2 marks)

3. Between childhood and adulthood, humans go through many changes. Why is adulthood often associated with increased independence? (2 marks)

4. Compare the needs of an elderly person to those of a young child. How might their physical abilities differ? (2 marks)

5. If a child saves £2.50 of their pocket money each week, how long would it take them to save enough to buy a £20.00 book about human biology? Show your working. (2 marks)

Draw: Draw a timeline showing the five main stages of the human lifecycle. Label each stage clearly and draw a small symbol or object that represents each phase of life.



Extension challenge: Research a famous historical figure who lived to be over 80 years old. Write a short paragraph explaining how their contributions to society changed as they moved from adulthood into their later years.