

Grade 4 Science: The Human Body Assessment

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

Read each question carefully. Answer in full sentences where required. Use the provided word bank to help you with your spelling.

Nova the barn owl has been observing humans through the seasons. She noticed that humans go through many different stages of life, starting as a tiny baby and growing into an adult. Each stage comes with new physical and emotional changes.

Word bank: puberty · adolescence · gestation · infancy · development · hormones · adulthood · independence

1. Identify the two main stages of human development that occur after infancy but before adulthood. (2 marks)

2. Nova wants to know what happens to the human body during puberty. Describe two physical changes that occur during this time. (2 marks)

3. Explain why human babies are completely dependent on their parents or carers at birth, whereas adults are not. (3 marks)

4. Max the monkey has noticed that humans grow at different rates. Why might one 10-year-old be taller than another 10-year-old? (3 marks)

5. List the stages of the human life cycle in the correct chronological order, starting from birth. (4 marks)

6. Old age is the final stage of the human life cycle. Describe two ways in which a person's body might change as they reach later life, and explain how their lifestyle might need to adapt. (6 marks)

7. Compare and contrast the needs of a human during infancy and the needs of a human during adulthood. Consider physical, social, and emotional needs in your answer. (5 marks)

Draw: Draw a timeline showing the different stages of a human life, labelling each stage clearly from birth to old age.



Extension challenge: Total: /25