

Nova's Amazing Anatomy Adventure

Learning objective: To identify that humans and some other animals have skeletons and muscles for support, protection, and movement.

Nova the owl has been studying how animals move and stay upright. Look at the word bank below and use the clues to label the parts of the human body. Once you have labelled the diagram, answer the questions about how our bodies work.

Word bank: Skeleton · Skull · Muscles · Ribs · Joints

1. Nova wants to know: Why is the skull so important for our bodies? Think about what it protects. (2 marks)

2. Which part of our body acts like a lever to help us move, and what do we call the place where two bones meet? (2 marks)

3. True or False: We can move our bodies without muscles. Explain your answer. (2 marks)

4. If you were buying a model skeleton for a science display, and it cost £4.50, how much change would you get from a £5.00 note? (2 marks)

5. List two things our ribcage protects inside our chest. (2 marks)

Draw: Draw a human body outline and clearly label the skull, ribs, and an example of a joint (like an elbow or knee).



Extension challenge: Nova asks: 'If humans didn't have a skeleton, what would we look like and how would we move?' Write a short paragraph describing your ideas.