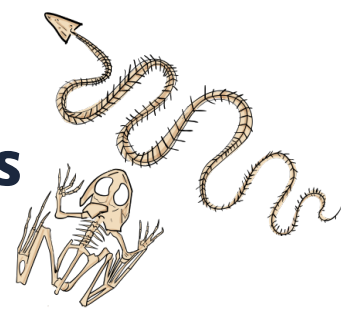
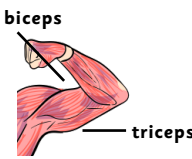







Cumulative Questions for Y3: Animals including humans



How do the systems inside our body work to make a healthy human?

Question	Answer
1. What is the skeleton made up of?	bones
2. What is the purpose of the skeleton?	to support, protect and help with movement
3. Name two of the bones in the human body.	multiple answers – femur, thighbone, skull, jaw, collarbone, shoulder blade, humerus, pelvis, kneecap, hip, spine, ribcage
4. Do people with longer bones jump further? Explain how you would investigate this question.	Children should explain that they would need a number of people. Then they would need to measure the length of their legs and record. Then they would have to measure a jump from each person and compare to see if the person with the longest legs jumped the furthest.
5. Do people with longer arms throw further? Explain how you would investigate this question.	Children should explain that they would need a number of people. Then they would need to measure the length of their arms and record. Then they would have to measure how far each person could throw the same object and compare to see if the person with the longest arms threw the object the furthest.
6. How could you find out which is the longest bone in your body?	Children could use a diagram to identify the different bones and then roughly measure on their own body to compare.
7. What do the muscles do?	multiple answers - support, protect and help with movement, pump blood around the body, help you lift things.
8. Which of these is an involuntary muscle? muscles in our eyelids heart muscles in our arms muscles in our legs	muscles in our eyelids and heart
9. Look at the diagram of tricep and bicep muscle. Which muscle is contracting and which is relaxing? 	The biceps are contracting and the triceps are relaxing.
10. What is a vertebrate animal. Can you name any vertebrate animals?	A vertebrate animal is any animal that has a backbone or spine. E.g cat, dog, horse, human.
11. What is an exoskeleton? Can you give an example of an animal that has an exoskeleton?	An exoskeleton is a hard outer casing that some animals have on the outside of their body that acts like a skeleton. Cockroaches and some spiders have an exoskeleton.
12. Can you name these animals? Are they vertebrates or invertebrates? 	The animals shown are a frog, a tortoise and a snake. They are all vertebrates because they all have a spine or backbone.
13. Look at the diagram of the food groups. Which labels are missing?  The Eatwell Plate A guide to the right balance of five main food groups. ■ <input type="text"/> ■ Carbs & Starches ■ <input type="text"/> ■ Protein ■ Sugars & Fats	 The Eatwell Plate A guide to the right balance of five main food groups. ■ Fruit & Veg ■ Carbs & Starches ■ Dairy ■ Protein ■ Sugars & Fats
14. True or false? It is important to eat a healthy balanced diet	true
15. Name two types of food which belong in the dairy food group.	multiple answers – milk, yoghurt, cheese, butter, cream, ice cream etc