David Attenborough’s Rise of the Vertebrates Viewing Guide

1. What vital feature do all vertebrates show?

2. Why are complete fossils that show both hard and soft tissues hard to find?

3. Why was the new “side to side” method of creating thrust an advantage in the ancient ocean?

4. Why is the hinged jaw an evolutionary advantage?

5. Why are hard bones in fish and evolutionary advantage?

6. How did plants affect the evolution of limbs?

7. What is the difference between an amphibian’s skin and a lizard’s skin? How did this help vertebrates to move in-land?

8. How do scientists decipher if Anchiornis could fly?

9. What do you think is the most important adaptation that led to the rise of the vertebrates on land?