Cosmos Episode 2 Viewing Guide

Directions: Answer the questions as you watch episode 2 of Cosmos: A Spacetime Odyssey

1. What are two of the things human ancestors used the sky for?

2. How many years ago did wolves begin to evolve into dogs?

3. How is being “cute” for a dog an evolutionary advantage?

4. What kind of selection did the humans use to create dogs (and all the tasty plants we eat)?

5. What is it called when a mistake “sneaks by” the proofreader in a DNA molecule?

6. What will most likely happen to the white bears if the ice caps keep melting?

7. Why do some people believe the human eye is an example of why evolution can’t be true?

8. What trait did the first bacteria evolve that started the evolution of an eye?

9. Why can’t land animals just start from scratch to evolve a new and better eye?

10. Why is saying evolution is “just a theory” misleading?
11. When did the greatest mass extinction of all time happen?

12. Where does current scientific evidence think life began on Earth?