

Please base all answers on the Cosmos: A Spacetime Odyssey “*When Knowledge Conquered Fear*” episode. Complete sentences for all answers.

1. What was the best thing humans had going for them (be specific)?
2. What were some bad omens associated with comets in different parts of the world?
3. How does a comet become an asteroid?
4. What piece of lab equipment aided Hooke in discovering the cell and what did he look at?
5. Why was Isaac Newton hesitant to put forth new ideas?
6. What were some of Edmond Halley’s contributions to science?
7. What did Halley discover about comets and their flight plan?
8. What keeps planets and Halley’s comet from falling into the sun?
9. When was the last time we were able to see Halley’s comet and when will be able to see it again?
10. What will happen several billions years from now between the Milky Way and Andromeda?
11. In your own words please write at least a paragraph explaining what you took away from this episode?