

**Cosmos Episode 1
Worksheet**

Name: _____

Directions: Answer the questions as you watch episode 1 of Cosmos: A Spacetime Odyssey

1. What is the name of Neil deGrasse Tyson's "spaceship"?
2. What is responsible for creating wind and keeping everything in the solar system in its clutches?
3. What lies between Mars and Jupiter?
4. How big is the centuries old hurricane on Jupiter?
5. What had to be invented before we could discover Saturn and Neptune?
6. What is the name of the spacecraft that has traveled the farthest away from Earth?
7. What is the Oort Cloud?
8. How far from the center of the Milky Way Galaxy do we live?

9. What is the “address” of Earth in the cosmos?
10. Why do we not know yet if we live in a “multiverse”?
11. Who wrote the banned book that Giordano Bruno read that gave him the idea that the Universe was infinite?
12. How long was Bruno jailed and tortured?
13. What happened to Bruno after he refused to change his mind about his beliefs of an infinite Universe?
14. Who was able to prove Bruno right 10 years after his death?
15. How many years does one month symbolize on the “cosmic calendar”?
16. What date on the “cosmic calendar” did the Milky Way Galaxy appear?
17. What date on the “cosmic calendar” was our Sun born?
18. What day and time did human ancestors first evolve on the “cosmic calendar”?
19. What do the last 14 seconds on the “cosmic calendar” represent?

20. How many seconds ago on the “cosmic calendar” did the two halves of the world find each other?

21. How old was Neil deGrasse Tyson when he met Carl Sagan in Ithaca, New York?

22. What is Carl Sagan most famous for?