

**Cosmic Voyage Movie Worksheet****Name:****Block:**

*During the movie, please follow along and answer these questions. Points will be taken away from your score if you talk or are otherwise not paying attention to the video.*

1. Who revolutionized the telescope?  
a. Galileo                      b. Watson  
c. Newton                      d. Crick
2. What is a light year?  
a. A measurement of how much time light travels in a year.  
b. A measurement of distance that light travels in a year.
3. Our Sun is just one of 100 billion stars in the Milky Way Galaxy  
a. True                              b. False
4. It would take billion light years to reach the end of the universe  
a. True                              b. False
5. Who *perfected* the microscope?  
a. Robert Hooke              c. Anton van Leeuwenhoek  
b. Galileo Galilei              d. Sir Isaac Newton
6. What holds the chemical code for every living thing on the planet?  
a. RNA                              c. Protein  
b. DNA                              d. Cells
7. What was the explosion that created the universe called?  
a. The Big Explosion              c. The Small Bang  
b. The Small Explosion              d. The Big Bang
8. What force draws all matter together into a "web"?  
a. Friction                              c. Acceleration  
b. Gravity                              d. Pressure
9. Enormous clusters of stars are called  
a. solar systems                      b. galaxies  
c. asteroid belts                      d. universe
9. Why do stars almost never collide?  
a. They are too far from each other  
c. They move too fast  
b. They are too close to each other  
d. They move too slow
10. What is the name of our galaxy?  
a. The Solar System.      b. The Big Bang  
c. The Milky Way              d. The Babe Ruth
11. Star explosions are called \_\_\_\_\_.
12. Supernovas send out the elements of life  
a. True                              b. False
13. The environment on early Earth had violent impacts, volcanic gases, acid rain and unfiltered ultraviolet radiation from the sun.  
a. True                              b. False
14. The basic ingredients of life included water, carbon and energy  
a. True                              b. False
15. Life first started on the  
a. ocean                              b. land
16. The *first* organisms to produce oxygen on earth were...  
a. plants                              c. blue-green bacteria  
b. animals                              b. protozoa
17. The order of organism evolution was  
a. bacteria, algae, plants and animals  
b. animals, bacteria, plants and algae.  
c. algae, plants, animals and bacteria  
d. animals, plants, algae and bacteria.
18. \_ billion years passed between the Big Bang and the appearance of humans.  
a. 5                                      b. 20  
c. 15                                      d. 18
19. The gravity of a black hole is strong enough to keep light from escaping.  
a. True                              b. False

*Adapted from Chris Sheehan*