Name _____ Date _____ Period _____

Astronomy – Brainpop Viewing Guides

Sun (Science → Space)

1) How far away is the Sun? _____

2) How much larger is the Sun than the Earth? _____

3) How hot is the photosphere of the Sun? _____

4) What two gases make up most of the Sun? _____ and _____

5) What process makes enourmous amounts of energy in the Sun? _____

6) What percentage of mass of the solar system is found in the Sun? _____

7) How old is the Sun? _____

8) When the Sun expands it will become a _____ _____ .

I verify that I have watched the BrainPop on the Sun _____

Solar System (Science → Space)

1) What did the Solar System start as? _____

2) What force pulled the Solar System together? _____

3) What are Terrestrial Planets? _____

4) What makes Venus so hot? _____

5) Why are the outer planets colder? _____

6) Where is the Asteroid belt found? _____

7) When was Pluto demoted to a dwarf planet? _____

8) What are comets? _____

9) Where do Comets originate? _____

I verify that I have watched the BrainPop on the Solar System _____

Big Bang (Science → Space)

1) According to the Big Bang Theory, when did the Universe start up? _____

2) The Big Bang was a _____ _____ .

3) What has been happening to the Universe since the Big Bang? _____

I verify that I have watched the BrainPop on the Big Bang _____

Milky Way (Science → Space)

1) How many stars are found in the Milky Way? _____

2) What does the galaxy look like from Earth? _____

3) What type of galaxy is the Milky Way? _____

4) What do astronomers think is in the center of the galaxy? _____

5) Where is the Earth located in the Milky Way? _____

6) How long does it take for the Solar System to orbit the galactic center? _____

I verify that I have watched the BrainPop on the Milky Way _____

Life Cycle of Stars (Science → Space)

1) Nuclear Fusion changes Hydrogen atoms into _____ atoms.

2) What is the longest part of a star's life time? _____ _____

3) What happens to a star after the Main Sequence depends on the star's _____.

4) Mid-sized stars like the Sun become _____ _____ .

5) Our star will expand and cool to become a _____ _____ .

6) Larger mass stars will become

_____ _____ or _____ _____ .

7) What escapes a black hole? _____

I verify that I have watched the BrainPop on the Life Cycle of Stars _____