

Name _____

Date _____

Period _____

Big Bang Web Quest

For each of the following questions, answer them in **complete sentences** using reliable web sites. **Wiki, ask, answers, and e-how are not reliable sites.** (S6 P4 PO1)

1. What is a **theory**? _____

2. Who was the person that made the discovery that the universe was expanding? What year was it? _____

3. What was the Big Bang? Describe where the matter came from and where it went or is going. _____

4. After the Big Bang and the universe began to cool, the protons, neutrons and electrons began to come together. What were the first elements to fuse together from these subatomic particles? _____

5. Approximately how old is our universe? _____

6. In 1990, this piece of equipment was sent into space to allow astronomers to peer farther into the universe and see the cosmos more clearly. What was it? Who was it named after? And when is it going to be replaced? Hint... universe expansion guy. _____

7. What is a Red Shifted Galaxy? Why does it look the way it does? _____

8. What is the Doppler Effect and how does it relate to the universe and the Galaxies?

9. In your search through the internet, find a web site that explains the big bang theory in terms that you can understand. Write down its web address and a brief summary of the page.

10. What evidence can you find that support the Big Bang Theory?
