HUBBLE TELESCOPE WORKSHEET

1. Draw a picture of the Hubble Telescope.
2. When was the Hubble Telescope launched?
3. How fast is the Hubble telescope traveling while in orbit?
4. How high above earth is Hubble’s orbit?
5. How is the Hubble stabilized so it doesn’t wobble while in orbit?
6. What major problem did the Hubble encounter? Draw a diagram explaining the problem.
7. What was the solution for this problem? Draw a diagram explaining the solution.
8. Who was the lead astronaut on the space walk to repair Hubble?
9. How old do scientists think the universe is collecting data from the Hubble telescope?
10. How many light years away can the Hubble see?
11. What is your favorite image captured by the Hubble? Explain why you chose this image