

## The Milky Way

**Answer the following questions on a separate sheet of paper.**

1. What is the diameter of the Milky Way?
2. Where is our solar system in the milkyway? How far is it from the center of the Galaxy?
3. How many galaxies are in the Local Group? Name another galaxy in Local group.
4. What is a globular cluster?
5. How do we know what our galaxy looks like?
6. What are the four types (shapes) of Galaxies?
7. What type of galaxy is our Milky way?
8. What is in the bar?
9. What is in the bulge?
10. What is found at the center of our galaxy?
11. What blocks optical telescopes view of the universe?
12. What parts of the electromagnetic spectrum are used to see further into space?
13. What holds star clusters together?
14. Why is the sky blue?
15. What are nebulae?
16. What is the Galaxy's recycling center?
17. Where are the younger stars found?
18. What power drives the galaxy?
19. What came first the galaxy or black hole?
20. What is a binary pair?
21. What is likely to happen when our galaxy collides with the andromeda galaxy?