



Activity Based Science

The Sun: A Review

Name _____

Period _____ Table _____

Label the diagram of the sun:

- _____ 1.
- _____ 2.
- _____ 3.
- _____ 4.
- _____ 5.
- _____ 6.

Answer the following questions:

- _____ 7. Name the gas that undergoes nuclear fusion in the core of the sun and is the primary source of fuel for the sun.
- _____ 8. Name the gas that is produced when fusion takes place in the sun.
- _____ 9. Give the distance from the Earth to the sun in miles.
- _____ 10. How old is our sun?
- _____ 11. What is the brightest star in the night-time sky.
- _____ 12. What are the cool dark areas on the sun's surface that occur every eleven years.
- _____ 13. What is the star closest to our sun?
- _____ 14. What do we call the surface of the sun? ("what you see")
- _____ 15. Name the sun's atmosphere that has a red color.
- _____ 16. What is the outer layer of the sun's atmosphere that can only be seen during a total solar eclipse.
- _____ 17. Name the part of the sun where nuclear fusion takes place.
- _____ 18. What do we call an exploding star?
- _____ 19. What is the name of our galaxy?
- _____ 20. What shape is our galaxy?