



# Lives of Stars

If you wish to make an apple pie from scratch...  
...you must first invent the Universe! Carl Sagan

Restate & Answer all questions in complete sentences (Collected, Today at End of Period)

1. What is a googol?
2. What is a googol plex? Can it be written on paper? Why or why not?
3. Name and describe two forces that hold atoms together (nuclear glue).
4. Where how are and the heavier elements (atoms) made or created?
5. Explain where and how stars form.
6. Describe why and how red giants form.
7. Explain why and how white dwarfs form.
8. Describe why and how neutron stars form.
9. Describe how and why black holes form.
10. What is a supernova.
11. Describe the birth and the final fate of our "Little Yellow Star."
12. How is every element on Earth, our bodies included, tied to the birth and death of stars?
13. Make a positive and a negative comment (opinion) about "The Lives of Stars" video.