

Events in the Life of a Star

A Self-Paced Workshop

(E)

Make an illustrated children's book or create a cartoon strip/comic book showing the life of both a sunlike star and a more massive star. Here's the catch: the book must be written so it can be understood by a child in the third grade. No large words, no long drawn out descriptions. Keep it simple and accurate, colorful and correct.

Procedure:

1. Note: You should have already done this in parts A through D.
Use your references to research the stages and processes in the life of both sunlike stars and massive stars as they go through "birth, childhood, adolescence, maturity, middle age, old age, and death". Important vocabulary words you should include in your book:

Nebula	Protostar	Gravity
Fusion	(hydrostatic) equilibrium	Main-sequence
Hydrogen	White Dwarf	Black Dwarf
Supernova	Neutron Star	Pulsar
Black Hole	Planetary Nebula	Collapse

2. The book (comic strip) should include at least one illustration per page (frame) and if doing a comic strip, no more than 25 words per frame. Remember, they both should include accurate and complete information, the children's book in a way that is understandable by children and the cartoon in a humorous way.
3. The book (comic strip) should be illustrated in color. Use crayons, markers, pastels, water colors, color printers, mixed media, etc.
4. The book (comic strip) should include a glossary of terms and their definitions. No definition should exceed the 25 word limit, although the glossary pages can have more than 25 words per page. Consult the word list above.
5. Include a works consulted page (bibliography) of sites and resources used in constructing your project.

Workshop Grading

Preparation (parts A-D): 10 pts	Completeness and Accuracy of Info: 50 pts
Creativity and Effort: 20 pts	Quality of Illustrations: 20 pts
Total: 100 pts	

This project was modified from one found here:
http://www.geocities.com/lewiston_stargazer/stellarevol.htm?20068