Name	
Teach	
Class	Block
Date _	
	Life of Stars (15 Minutes)
1.	What is the nursery of a star? Nebula
2.	What is the fuel of a star? Hydrogen
3.	What is the ash of a star?
4.	What happens at 27 million degrees F?
	Star ignition
5.	What happens to a star when heat expansion is greater than gravity?
	explosion or gets larger
6.	What happens to a star when heat expansion and gravity are the same force?
	no change
7.	What happens to a star when gravity is greater than heat expansion?
	Collapse
8.	Large stars burn (slower faster) than small stars.
9.	Describe fission.
	an atom splits
	and gives off energy
10.	When fusion happens, atoms of hydrogen gas react to make helium atom, and they release a
	lot of Inergy.
11.	The hottest color of a star is <u>White</u> .
12.	The coolest color of a star is
13.	The sun (will/will not) become a supernova.
14.	The sun's size is recognized as (small/medium/large).

15. The sun will have a lifespan of billion years.	
16. It is currently billion years old.	
17. Give the stages of a star as it goes through its life and ends up as a black dwarf.	
a. Nebula	
b. Mid- sixel Star	
c. Red Giant	
d. Planetay Nobula	
e. white dwarf	
f. <u>black dwarf</u>	
18. Give the stages of a star as it goes through its life and ends up as a neutron star.	
a. Nelrila	
b. Massive Star	
c. Red Supergiant	
d. Supunova	
e. Neutron stan	
19. All black holes must be Massive stars at the beginning of their lives.	
20. One sugar cube of neutron star material weighs the same as humanity.	
21. If a black hole with the mass of the sun was put in the same place as where the sun is, Earth	
(would/would not) be sucked into the black hole.	