ESS	100 (Stapleton)		Name:	
Qui	z #2 Version 1: Universe Structure and Objec	ts orbiting the S	າ (Quizlets 3 and 4)	
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	t 1: Matching	7	A II diante con accele all II man do a	funalina dia
	Our Sun's Name, in English:		A "dirty snowball," made o	
۷.	The most distant part of the Solar Sys		Explosions on the Sun's sur	
	where comets spend most of their t	ime. 9.	This describes a constellation	on that we can
2	Beyond the Kuiper Belt.	10	see all year round	- L
	The shape of every orbit:		Our Moon's name, in Engli	
4.	The process that produces the Sun's		A constellation that is <u>not</u> of	
5.	energy: What stars (including The Sun) are m		A constellation that is circu not actually an official con	
	of:		we think of it as one)	
6.	A collection of stars that form a dot-t dot picture in the sky.	:0- 13	An explosion on the Sun's s	urface
-	Comet		Mostly hydrogen "gas" [actually hy	/drogen
B)	Nuclear Fusion [Hydrogen atoms joining and		plasma]	(CA 45.)
C)	becoming Helium]	I)	Solar flares and Coronal Mass Ejec	tions (CIVIES)
	Solar Flare or Coronal Mass Ejection	=	Ellipse (oval)	
-	Orion The Big Dinner	•	The Oort Cloud Constellation	
	The Big Dipper	L)		
	"The Moon" [and sometimes, Luna]	IVI)	Circumpolar	
G)	"The Sun" [And sometimes "Sol"]			
Mu	Itiple Choice:			
14.		e the least circul	r, most elliptical orbits:	
	a. planets b. comets c. aster	oids c. mete	rs	
15.	, , , ,			
	a. Moving away from the Sun B. Mov	-	n	
	c. Tilted on its axis D. A ga	s giant		
16.	An object orbiting the Sun speeds up wh	nen		
-0.	a. The Sun's gravity is pulling the hardes			
	b. The Sun's gravity is pulling the <u>least</u>	<u>•</u>		
	c. The Sun's gravity is pulling in the <u>same</u> direction the object is moving			
	d. The Sun's gravity is pulling in a direction opposite of the direction the object is moving			
17.	This is what causes a comet's tail to forn	n·		
17.	a. The sun melting the comet's ice and "blowing" it away into space			
	b. The friction from air rushing past the comet			
	c. Pieces of ice that stick to the comet a			
	d. Extra material left over from the Big I			
18.	The direction in which a comet's tail poi	nts:		
	a. Opposite the Comet's direction of mo	ovement	. In the direction that the comet i	s moving
	c. Directly toward the Sun		I. Directly away from the Sun	
19.	The Sun's actual color (the color you wo	uld see if you we	e in outer space)	
	a. Blue b. Green c. White			

20. Describe two ways in which stars can differ from one another. 21. The drawing on the right represents the Big Dipper. Use the Big Dipper to find and circle the North Star (Polaris). 22. The drawing on the right represents Orion. On the diagram, circle the red giant star, Betelgeuse. Bonuses: If you lost points, you can have one point back for each correct Bonus. If this puts you over 100%, your score is capped at approximately 101%. Bonus #1. During what month is the Earth closest to the Sun? Bonus #2. How many miles across is the largest known comet? Bonus #3. Describe two effects of solar flares or coronal mass ejections.

Bonus #4. Describe three things that increase and decrease during a solar cycle.