

Beginners Worksheet



SUBJECT: The Solar System

WORD BANK

Meteor	Solar	Constellation	Astronomical Unit	Extraterrestrial Life
Comet	Galaxy	Asteroid	Apparent Magnitude	Great Red Spot
Sun	Parallax	Data Gloves	Light-Year	Big Bang

FILL IN THE BLANK

1. The _____ system consists of nine planets that revolve around the sun and other objects.
2. The _____ provides us with the light and heat necessary for life.
3. A _____ is an object with a long elliptical orbit which forms a long, glowing tail.
4. A meteoroid, which has collided with the Earth's atmosphere, burning up because of friction is a _____.
5. An _____ is fragments of rocky objects that revolve around the sun.
6. The average distance from Earth to the sun is 150 km, or one _____.
7. _____ are electronic gloves worn by a person controlling a robot, sensing every movement the person makes and commanding the robot to perform identical moves.
8. A giant storm in Jupiter's atmosphere is known as the _____.
9. A _____ is a grouping of stars that has a shape resembling an animal, mythological character, or other object.
10. The amount of light received on Earth is called the _____.
11. _____ is the apparent shift in the position of an object when viewed from two different positions.
12. A _____ is the distance that light travels in one year.
13. A large group of stars, gas, and dust held together by gravity is a _____.
14. _____ is life that exists beyond Earth.
15. The _____ theory states that between 15 and 20 billion years ago, the universe began expanding out of an enormous explosion.

WORD SEARCH

Find words vertically, horizontally, backwards, and bottom- to- top

A T A G L O V E S Z S C
S C P R I S A X C O D O
T O P E G A E T L O B N
R M A A H D R R K W P S
O E R T T O S A S P A T
N T E R Y M E T E O R E
O S N E E F U E N Q A L
M I T D A G I R C F L L
I D M S R W T R J E L A
C Y A P S E O E F V A T
A X G O W X P S M C X I
L A N T Q B H T U K A O
U L I G U D L R K N K N
N A T S I I J I A F L N
I G U E O O K A H L J M
T Q D A P R R L D G O Q
C M E J F E C L G I H S
V X H U D T V I F U W A
B Z S E X S M F R S E R
F P H Y C A D E Q V N I

MATCHING

- | | | | |
|----------------------|--------------------------|--------------------|-------------|
| a. Data Gloves | d. Apparent Magnitude | g. Big Bang Theory | j. Parallax |
| b. Great red Spot | e. Light-year | h. Constellation | k. Galaxy |
| c. Astronomical Unit | f. Extraterrestrial life | i. Asteroid | l. Solar |
| m. Sun | | | |
| n. Comet | | | |
| o. Meteor | | | |

___ Electronic gloves worn by a person controlling a robot

___ Average distance from Earth to Sun, used for measuring distances to objects in the solar system.

___ Apparent shift in position of an object when viewed from two different points

___ A meteoroid that enters Earth's atmosphere and burns up as it falls

___ Piece of rock, smaller than a planet, which orbits the sun

- ___ Giant storm in Jupiter's atmosphere
- ___ Life that may exist in the universe outside of Earth
- ___ Central object around which other objects of the solar system revolve
- ___ Grouping of stars that has a shape
- ___ Leading theory of the origin of the universe
- ___ Massive grouping of gas, dust and stars, held together by gravity.
- ___ Measure of light received on Earth from an object in space.
- ___ System of nine planets and many other objects that orbit our sun
- ___ Unit used to measure distance in space.
- ___ Mass of frozen gasses and rock particles that orbits the sun.

WORD SCRAMBLE

1. ATAD LOGVES
2. ERD GRAET TSOP
3. ASTNOMROCLIA NUIT
4. PPAARENT AGNMUITED
5. ILHGT EAYR
6. XETRARETSTIRLA IFEL
7. GIB GNAB
8. ONCTELLTIAON
9. LLPAARAX
10. LAXYGA
11. OLASR
12. NUS
13. OMCET
14. TEE MOR
15. STEAOIDR