

The Earth, Sun, and Moon Scavenger Hunt

Name: _____

- Go to the “***Student Favorites***” folder on your desktop
- Click on “***3rd Grade***” and “***Earth, Sun, and Moon***” (<http://www.earthsunmoon.co.uk/>)
- Choose “***1 player***”
- Enter your first name, and click “***Go***”
- After you have fought your way through the asteroid belt, explore the earth, sun, and moon and answer the questions below.

The Earth

1. Our planet is the only one that we know has living things. This is because our atmosphere provides _____ and _____ needed for living things.
2. Water covers _____% of the earth’s surface, while land covers _____ % of the surface.
3. The earth takes _____ hours to rotate once.
4. An _____ is the path an object takes through space. The earth takes _____ days to orbit the sun.
5. The earth appears to rotate around an imaginary line that goes through it from the North Pole to the South Pole. This is called the Earth’s _____.
6. The northern and southern hemispheres have opposite _____.
7. True or False When it is Summer in the Northern Hemisphere it is Fall (Autumn) in the Southern Hemisphere.

The Sun

8. _____ are caused by reactions on the sun’s surface.
9. _____ is the glow around the sun. It is made up of hydrogen and helium gasses.

10. On the surface of the sun, it is _____ ° F. At the center of the sun it is _____ ° F.
11. The Sun's core is where the _____ start and the Sun's _____ is produced.
12. The Sun is so big, you could fit _____ Earths inside of it.
13. The Sun probably formed from a large cloud of _____ over _____ years ago.
14. The _____ is the closet star to the Earth, and is the only natural light source in our solar system.

The Moon

15. The light patches we see on the moon are called _____.
The dark patches on the moon are called _____ or _____ although there is no water on the moon.
16. The craters we see on the moon were caused by _____ and _____ hitting the surface many years ago.
17. The moon is a _____ the size of the earth and only _____ kilometers away from Earth.
18. True or False The same side of the moon always faces the Earth.
19. The Moon is held in its orbit by the Earth's _____.
20. True or False The shining of the moon is really just the Earth's light reflecting off the moon's surface.
- Now that you've answered all the questions, go back through the asteroid belt, click "**Go**" to continue, and take the test.
 - Record your results of your test score here _____ points (not the games)
 - Print out your "**Mission Complete**" certificate.