

## **INTERACTIVE WORKSHEET # 1**

### **ALL ABOUT SPACE (Chapter 1)**

**A) LOOK AND READ. CHOOSE THE CORRECT WORDS, DRAG THEM AND DROP THEM ON THE LINES. (There are two extra words!)**

- **SPACE**
- **UNIVERSE**
- **SOLAR SYSTEM**
- **NUCLEAR FUSION**
- **GALAXIES**
- **EARTH**
- **SKY**
- **PLANETS**
- **THE BIG BANG**
- **STARS**
- **ENERGY**
- **MILKY WAY**

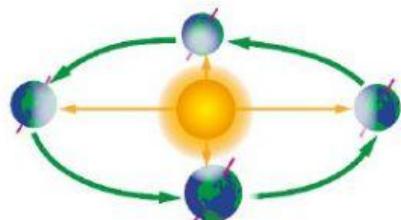
1. You can see thousands of these when you look at the sky at night. \_\_\_\_\_
2. Our Sun has eight of these. \_\_\_\_\_
3. This is the galaxy where our solar system is. \_\_\_\_\_
4. This is everything that's around planet Earth and it's bigger than we can imagine. \_\_\_\_\_
5. This is the process by which the hydrogen changes into helium. \_\_\_\_\_
6. This is what plants, animals and people get from the Sun. \_\_\_\_\_
7. This is a star with planets around it. \_\_\_\_\_
8. This is everything that exists, all the stars in all the galaxies. \_\_\_\_\_
9. These are groups of stars. \_\_\_\_\_
10. Astronomers say this is the moment when the universe appeared about 14 billion years ago. \_\_\_\_\_

**B) JOIN WITH ARROWS.**

- |   |                                    |
|---|------------------------------------|
| 1. Stars  | is 150 million km away from Earth. |
| 2. The Sun and all other stars                  | it's daytime there.                |
| 3. The process of nuclear fusion                | are huge balls of gas.             |
| 4. Our Sun                                      | are made of hydrogen and helium.   |
| 5. When a place on Earth is<br>opposite the Sun | produces heat and light.           |

C) TICK THE CORRECT SENTENCES.

1. It takes our planet Earth ...
    - a) ... one year to orbit the Sun.
    - b) ... 365 days to turn on its axis.
    - c) ... 24 hours to go around the Sun.



2. It takes the Earth 24 hours ...

  - a) ... to move opposite the Sun.
  - b) ... to orbit the Moon.
  - c) ... to do a complete turn on its axis.



3. a) Some of the planets ...  
b) All the planets ... ... orbit the Sun.  
c) None of the planets ...

4. One year is ...  
a) the period during which the Earth completes one rotation around its axis.  
b) the time it takes the Sun to rise and set.

- c) the time that it takes a planet to orbit the Sun.

5. A year on Mercury is only 88 Earth days because ...

  - a) ... Mercury is a rocky planet.
  - b) ... Mercury travels a short distance around the Sun.
  - c) ... Mercury is smaller than the Earth.

6. Planets that are further from the Sun ...

  - a) ... have longer orbits.
  - b) ... are difficult to see through a telescope.
  - c) ... aren't in the Milky Way.

7. Mercury, Venus, Mars and the Earth are ...

  - a) rocky planets.
  - b) gas giants.
  - c) dwarf planets.

8. The so-called gas giants are ...

  - a) smaller than the rocky planets.
  - b) nearer the Sun.
  - c) bigger than the rocky planets.





10. Pluto ...

  - a) was discovered 70 years ago.
  - b) is a dwarf planet.
  - c) is the ninth planet.

