09/ACA/PRI-F-06/ 11 **REVISION WORKSHEET-11**

Ambitus World School
Going Higher. Going Places.

Name: _____ **Class: IV** **Section:** _____

Subject: Science **Topic: Earth and Beyond**

Learning Objective: Students will reflect their understanding about Earth's Movement and space

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1. Scientists study a great big space that includes **EVERYTHING.** That space is called:

_____ a. our country _____ c.. our Universe

_____ b. our continent _____ d. our Solar System

2. We live on Earth which is a

_____ a. a planet _____ c.. a galaxy

_____ b. a star _____ d. a universe

3. Earth is part of

a. the Solar System

b. the Universe

c. both the Solar System and the Universe

4. Classify the following as **Matter** or **Energy.** Remember **matter** is the stuff the Universe is made of and **energy** is what makes things (matter) move or change.

Planets	Air	Electricity
Animals	Plants	Wood
Heat	Water	Iron
Rocks	Plastic	Rubber
Light		

MATTER		ENERGY
1. _____	6. _____	1. _____
2. _____	7. _____	2. _____
3. _____	8. _____	3. _____
4. _____	9. _____	
5. _____	10. _____	

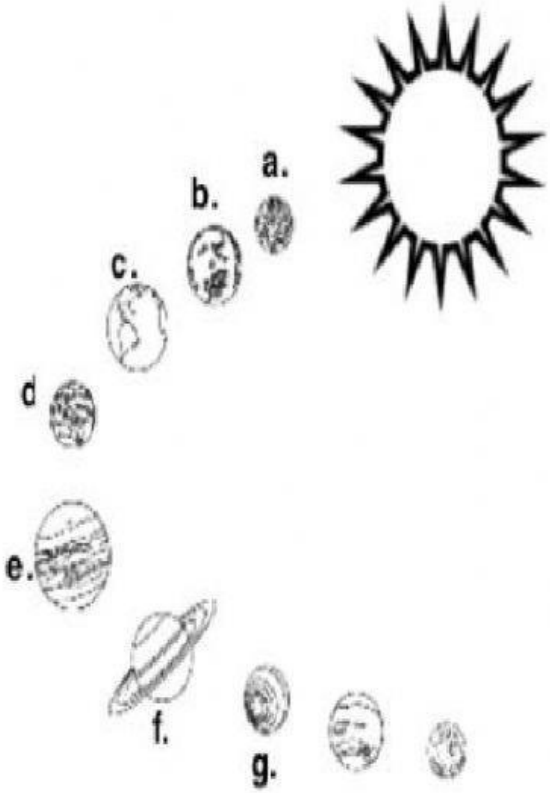
5. The object in the center of our solar system is
   a. the Earth
   b. the Moon
   c. the Sun
   d. The Milky Way

6.. Put a check the objects that revolve (move) around a star such as our Sun.
   _____a. planets
   _____b. asteroids
   _____c. galaxies
   _____d. comets
   _____e. black holes
   _____f. meteoroids

7.. We say the planets revolve or _____ around the Sun
   a. rotate b. orbit c. jump d. drive

8.. Although the picture below does not accurately represent the sizes of the planets in our solar system or their distances from the Sun , it does show them in correct order. Write the correct name of each planet beside each letter.

Earth, Uranus, Mercury, Pluto, Jupiter, Mars, Venus, Neptune, Saturn



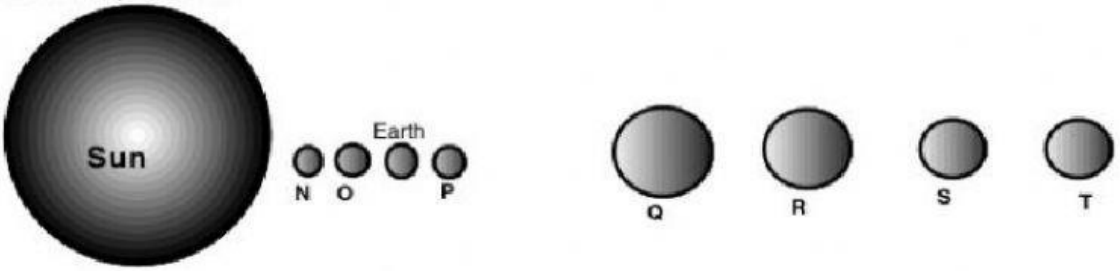
a. _____
b. _____
c. _____
d. _____
e. _____
f. _____
g. _____
h. _____
i. _____

9.. All these planets
a. are made of rock
b. give off light and heat
c. revolve around the Sun
d. stay in a line as they move

10.. The planet closest to the Sun is
a. Mercury b. Venus c. Mars d. Jupiter

11.. The planet between Jupiter and and Uranus is
a. Earth b. Saturn c. Neptune d. Mars

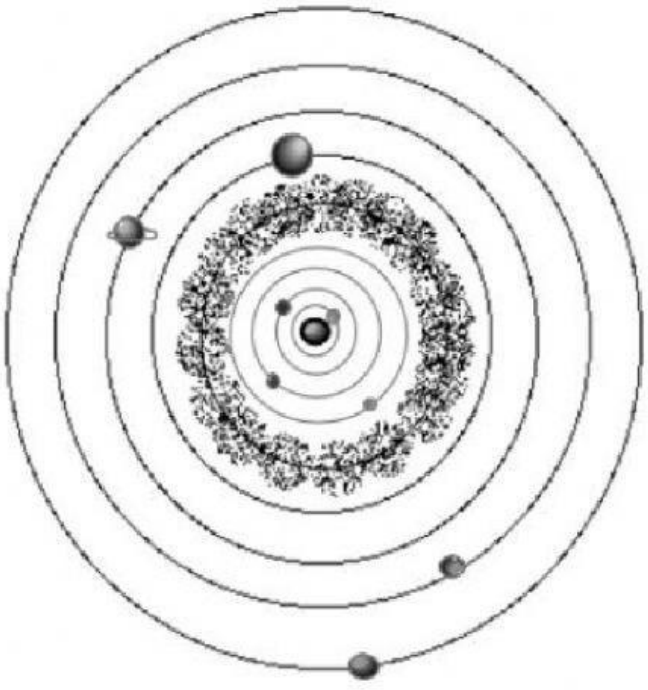
12.. Use the diagram below of the Sun and the planets in the Solar System to answer questions



13.. in this diagram of the Sun and the planets in the Solar System, which planet would the letter **P** represent?
a. Mercury b. Venus c. Mars d. Jupiter

14.. in this diagram of the Sun and planets in the Solar System, which planet would the letter **S** represent?
a. Mars. b. Saturn c. Uranus d. Neptune

15. Below is a drawing of the Sun and the planets in the Solar System.. Put a **T** in the blank if the statement describes something that is correct about this model and an **F** if the statement says something that is incorrect about the model



_____a. all the main planets in the Solar System are shown. (Pluto is considered a dwarf planet, not a main planet)

_____b. the size of the Sun relative to the planets.

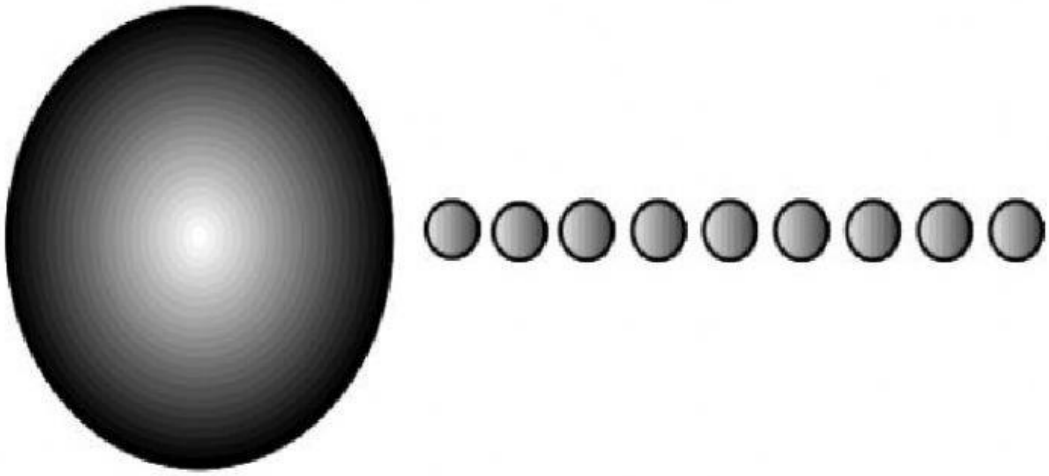
_____c. the planets are shown in the correct order

_____d. the relative distance between the planets

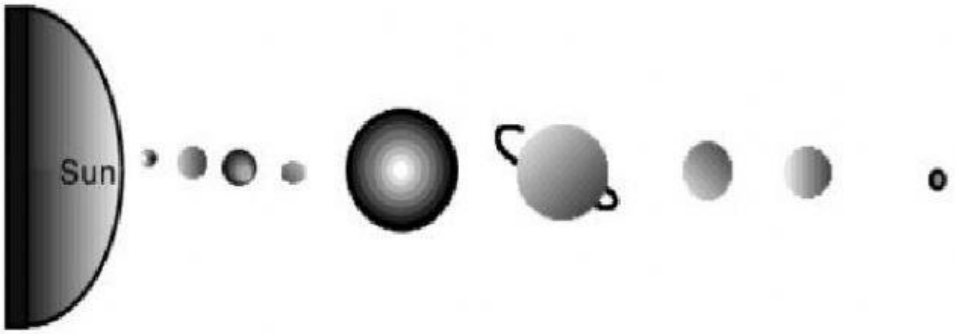
_____e. where the asteroid belt is shown

_____f. the planets in their orbits are usually lined up as shown

Myra made a model of the Solar System using a large beach ball for the Sun and golf balls for the planets.



16. How could Myra improve her model?
    a. Use larger spheres to represent the larger planets, like the gas giants
    b. Adjust the space between the spheres to better represent the distance between the planets
    c. Make the sun much smaller relative to the planets.
    d. Both a and b.



17. Improve this model of the solar system shown above by placing the word "should" or "should not" in the blank beside each of the following statements

____a. the planets **should/should not** be different sizes as shown here.
____b. the planets **should/should not** all be lined up in a straight line coming out from the sun
____c. Jupiter, Saturn, Neptune, Uranus and Pluto **should/should not** be spaced much further apart than shown in this model.
____d. Mercury, Venus, Earth and Mars **should/should not** be fairly close to one another compared to the other planets
____e. Uranus and Neptune **should/should not** be shown as very far apart.