

Grade 3 – Assignment for week of (5/26 to 5/29)

The Solar System:

The past few weeks we have learned a lot about our planet Earth.

This week we will focus on all the planets, their moons, and the Sun which make up the Solar System.

Science Vocabulary:

Solar System:	the planets (and their moons), asteroids and comets which orbit the Sun
Orbit:	the path an object takes around another object in space
Sun:	the yellow star at the center of the Solar System
Inner Planets:	the (4) planets which orbit closest to the Sun
Outer Planets:	the (4) planets which orbit farthest from the Sun

Task #1:

Science Vocabulary Words "Unscramble and Write"

Unscramble each of the following (groups of letters) to make a **science vocabulary word**.

Once you figure out the word, write the word, and *write a sentence using the word*.

Example:

(threa)

Earth ➤ *When the aliens visited planet Earth, their favorite food was chicken nuggets.*

Do the same for the next three (groups of letters) below:

(usn)

(ribo)

(rosla) (tessmy)

Task #2: Planet Acronym

Read the page below entitled, "Planet - Acronym" and use it to practice and memorize the names of the (8) planets in order from the Sun.

Name _____

Date _____

Planet - Acronym



other

Mercury



isits

Venus



very

Earth



orning

Mars

(And)

Asteroid Belt



ust

Jupiter



tays

Saturn



ntil

Uranus



oon

Neptune

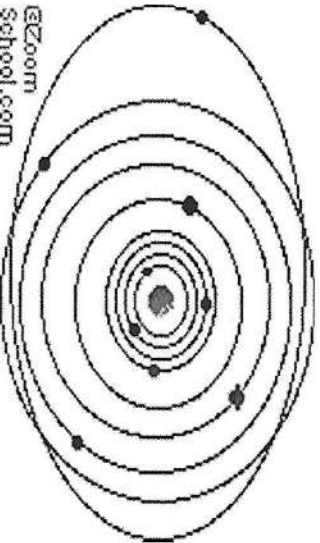
Task #3:

Read the page below called, "All about Our Solar System." You will use this information and your science vocabulary to answer questions on the following page entitled, "Solar System Activity Sheet."

Name _____

All About Our Solar System

Date _____



Our **solar system** is made of the sun, eight planets (and their moons), an asteroid belt, and many comets and meteors. The sun is the center of our solar system. The planets, over 61 moons, the asteroids, comets, meteoroids and other rocks and gases all orbit the Sun.

The **eight planets** that orbit the sun are: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Jupiter is the biggest planet in our Solar System. Saturn is the planet with large, orbiting rings.

The (4) planets **closest to the sun** are called the **inner planets**. The inner planets are Mercury, Venus, Earth, and Mars. They all have **rocky surfaces**. They are **warmer** than the outer planets because they are closer to the sun. The inner planets are also **smaller** than most of the outer planets.

The (4) planets **farthest from the sun** are called the **outer planets**. The outer planets are Jupiter, Saturn, Uranus, and Neptune. They are made **mostly of frozen gases**. They are **colder** than the inner planets because they are far from the sun.

There are **other smaller objects** that orbit the Sun like **asteroids, comets, and meteoroids**.

Asteroids are minor planets that are made of rock and metal. A belt of asteroids orbits between Mars and Jupiter.

Comets are small, icy bodies that orbit the sun. They have very long tails.

Meteoroids are small bodies that travel through space. They are stony and/or metallic and are smaller than asteroids. Most are very tiny.

Task #4:

Use the information from the previous page called, "All About our Solar System," and your science vocabulary to answer the questions below on the page entitled, "Solar System Activity Sheet."

Name _____ **Solar System Activity Sheet** Date _____

- Answer questions (1-5) using the Solar System information sheet.

1. Use a complete sentence to tell what the solar system is made of:

2. Use a sentence to name the eight planets in the solar system that orbit the sun:

3. Use a complete sentence to give (4) details about the inner planets:

4. Use a complete sentence to give (4) details about the outer planets:

5. Use a complete sentence to name other small objects that orbit the sun:

Task #5:

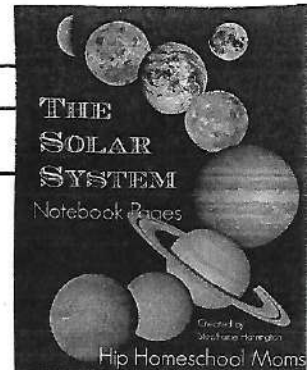
To learn more science vocabulary related to the Solar System use the word box at the bottom of the page called, "Solar System Word Search" to find the hidden words.

Name: _____

Date: _____

Solar System Word Search

Find the related words.



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

Earth	Telescope	Star	Moon	Mars
Neptune	Saturn	Satellite	Jupiter	Galaxy
Sunspot	Light-Year	Sun	Uranus	Nova
Asteroid	Meteor	Solar Wind	Pluto	Galileo Galilei
Coma	Comet	Venus	Crater	Mercury