

Chapter 17-1
Pg. T408-409

Name: _____

Period: _____

Date: _____

What is the purpose for my learning today?

What is the solar system?

BUILDING BACKGROUND KNOWLEDGE

- The Sun has a family.
- The eight planets have some features in common, yet each is unique, just as family members are.
- Write your family's last name and the first names of family members.

Your last name _____

Family member 1 _____

Family member 2 _____

Family member 3 _____

Family member 4 _____

Family member 5 _____

Family member 6 _____

Family member 7 _____

Vocabulary Builder

Solar system: _____

Nebula: _____

Orbit: _____

TEACH (Student Outline)

A. Formation of the Solar System

1. The solar system is the Sun and all the objects that orbit it.

2. What is a nebula?_____

B. The Sun's Family

1. The Sun has a "family" of eight planets, more than 90 moons, and countless chunks of debris made of rock, ice, and gas.

2. (Explain) Why were the planets called wanderers? _____

C. The Inner and Outer Planets

1. The nine planets are often divided into the inner planets and the outer planets.

2. (Classify) Which are the inner planets? _____

ASSESS (Independent Classwork)

<p><u>WORD BANK</u> Asteroid Belt Orbit Nine Nebula Spinning cloud of gas and dust Outer</p>

1. The solar system may have formed from a _____.
2. The solar system contains _____ planets.
3. A nebula is a _____.
4. The path of a planet around the Sun is the planets's _____.
5. The planets can be divided into the two groups, the inner planets and the _____ planets.
6. The _____ separated the inner and outer planets.

Bonus: List the planets in order from nearest to the sun to farthest from the Sun

<p>WORD BANK Neptune, Uranus, Mercury, Venus, Mars, Earth, Jupiter, Saturn</p>

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

EXIT CARD

On your index card, write down “3 stars and a wish”. Write down three things you learned today, and one thing about the solar system you would like to learn more about.

HOMEWORK:

Write a good paragraph describing why the solar system is often referred to as the Sun's family.
