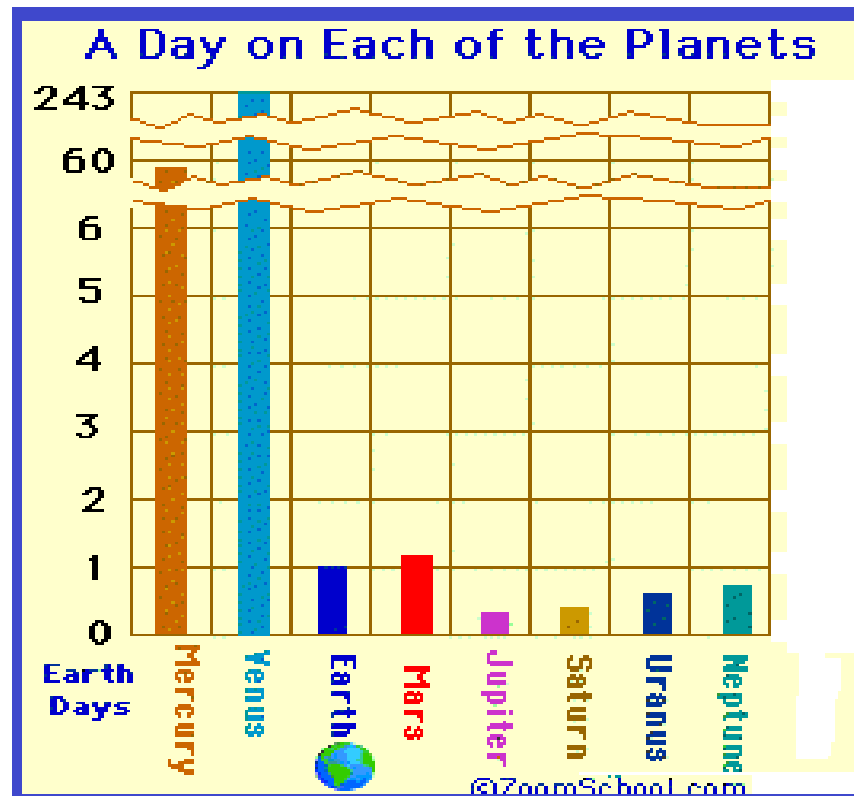


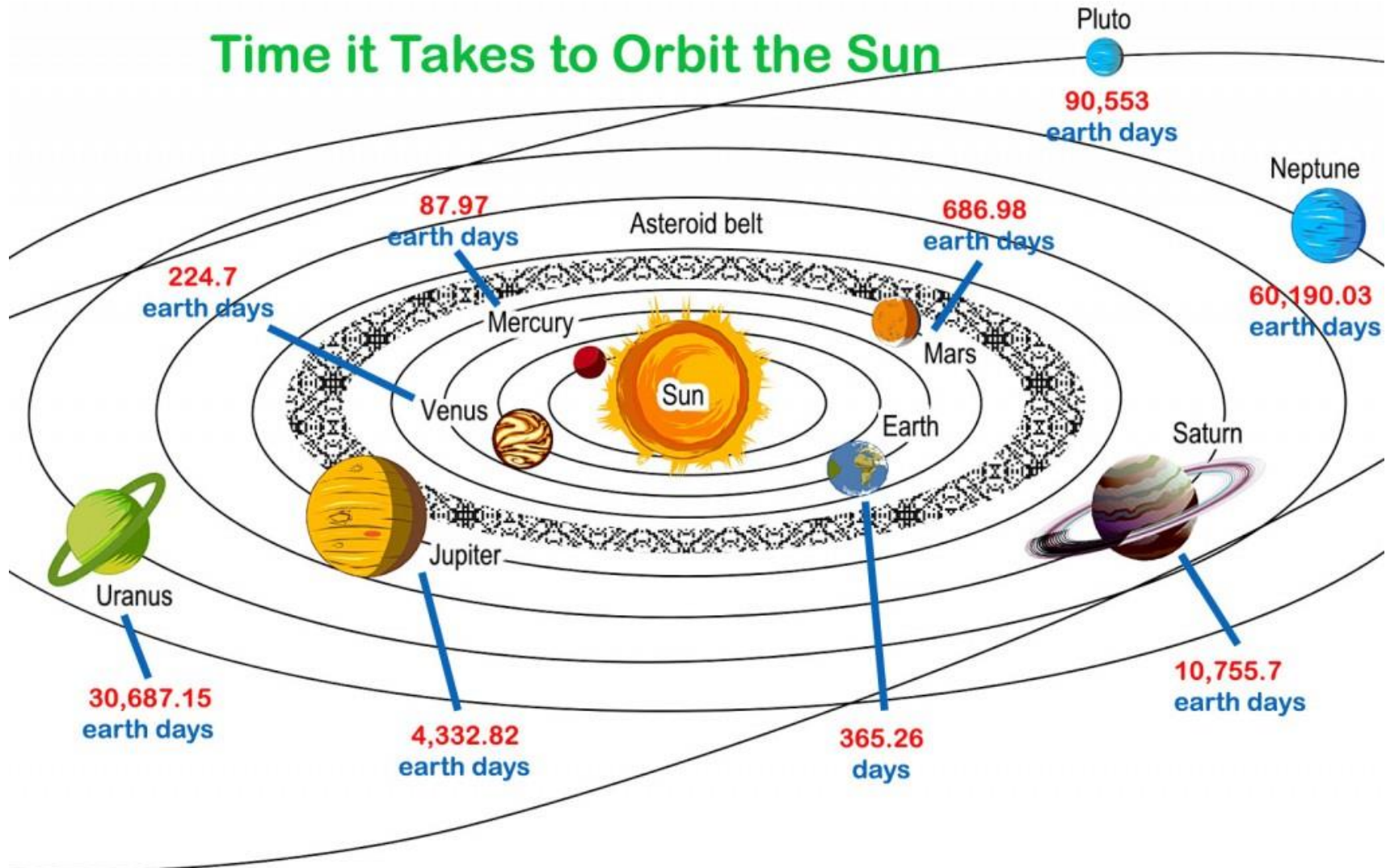
Motion of the Solar System Objects (Planets, Comets, and Asteroids)

1. Examine the data provided in the table below and **discuss the factor** that determines the **length of day** for each of the planets.



Motion of the Solar System Objects (Planets, Comets, and Asteroids)

2. Examine the graphic below and **discuss** the factor that determines the **length of a solar year** for each of the planets.

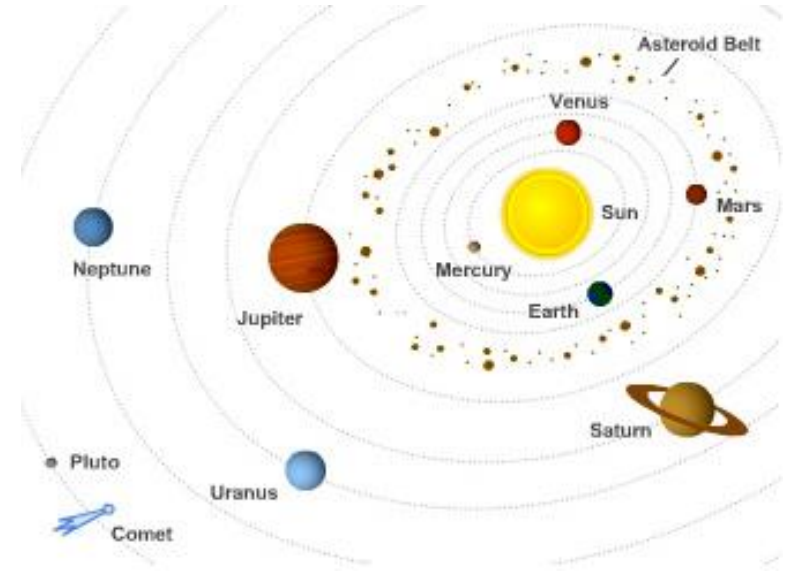
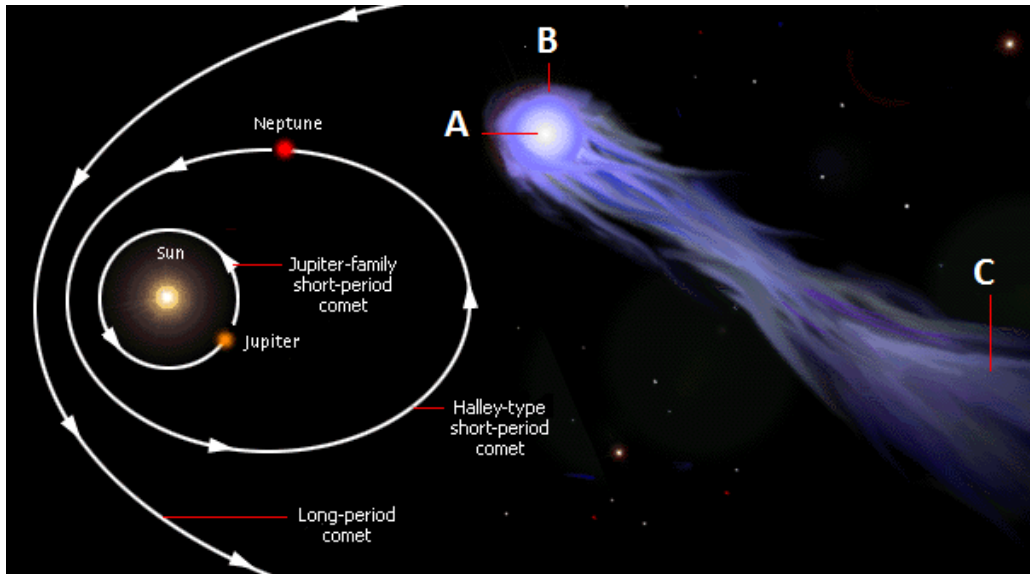


Motion of the Solar System Objects (Planets, Comets, and Asteroids)

3. Examine the graphics below.

a) Referring to the figure to the LEFT, **describe** the **composition** (from what it is made) of a comet and **identify** parts **A**, **B** & **C**.

b) Using the figure to the right, discuss the likely movement of comets through our solar system.



Components of the Universe (Galaxies)

4. Examine the graphic below.

Identify and **describe** the **type**, **size**, and **scale**, of the Milky Way Galaxy.



Components of the Universe (Galaxies)

5. Examine the graphic below.

Identify and **describe** the type of galaxy shown.



Components of the Universe (Galaxies)

6. Examine the graphic below.

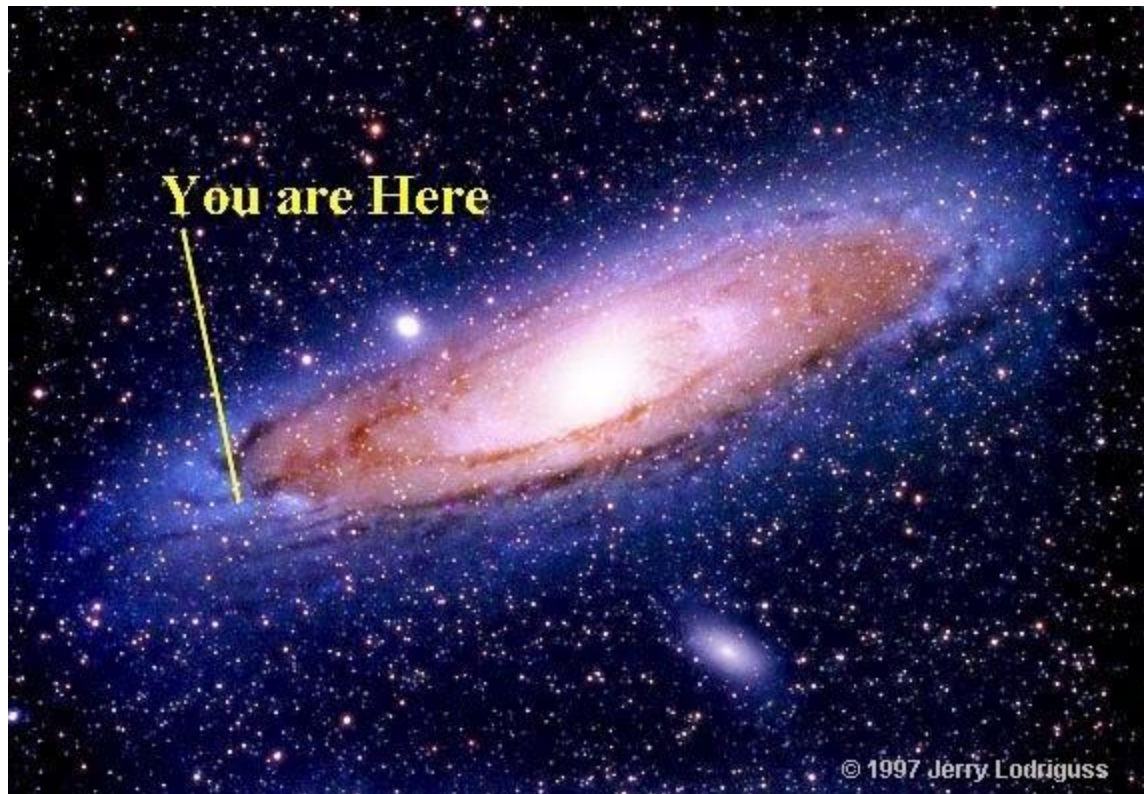
Identify and **describe** the type of galaxy shown.



Components of the Universe (Galaxies)

7. Examine the graphic below.

Identify and **describe** all of the relationships you see in the view of part of the universe, which features our galaxy, pictured below.



Motion of the Solar System Objects (Planets, Comets, and Asteroids)

8. Examine the graphics below.

a) Discuss the limitations of the way in which the solar system models are illustrated below.

b) Identify and describe the pattern of movement of all objects in our solar system and the force responsible for that movement.

