

## IMPORTANT NOTE:

PLEASE place **ALL** of your belongings on your assigned table top. The countertops will be used for stations.

Today, you will do **PART II** of the Astronomy Unit Review.

Dec 3-6:25 AM

## 12B CLASS ONLY

Our class has been selected to participate in the 2016 Maryland Youth Tobacco and Risk Behavior Survey conducted by the Maryland Department of Health and Mental Hygiene. This survey is designed to focus on health-risk behaviors, for example, smoking or alcohol and drug use that cause problems during both youth and adulthood. Your participation in the survey is very important as you represent hundreds of students around the state.

Each of you will receive a parental "opt out" form to take home to your parent or guardian. Please be sure to give it to them when you go home. You only need to return a signed form if your parent or guardian does **NOT** want you to participate.

Dec 1-2:36 PM

## 12B CLASS ONLY

Your class will do the Tobacco Survey on December 6th and the Astronomy Unit Test on December 7th.

I will distribute your Unit 2, Dynamic Earth student workbooks on Tuesday.

All other students will sign out their new workbook after taking the Astronomy Unit Test on Monday and Tuesday.

Dec 1-2:36 PM

Today, there are an additional 8 Stations for PART II of our review. The instructions are the same as the Part I with new questions.

Please take a piece of loose leaf or other paper and fold in half length-wise, then in half, width-wise.

(Watch me demonstrate!)

Dec 3-7:09 AM

Number each square 1 through 8 as demonstrated.

1 through 4 should be on one side;

5 through 8 should be on the other side.

You will start at the station that matches your TABLE #.

Proceed **CLOCKWISE** (number order) to the next station **ONLY WHEN THE TIMER GOES OFF!**

**Stay with your table group.!**

Dec 3-7:21 AM

You will have 5 minutes at each station.

You MUST rotate at the end of the allowed time to the **NEXT** station!



Dec 3-7:30 AM

**You may discuss answers with your table group while at each station. Help one another!**

**You MUST answer the questions while AT each station!**

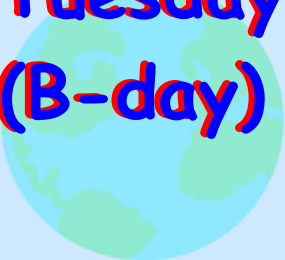


Dec 3-7:32 AM

## **Astronomy Unit Test:**

**Monday, 5 December 2016  
(A-Day)**

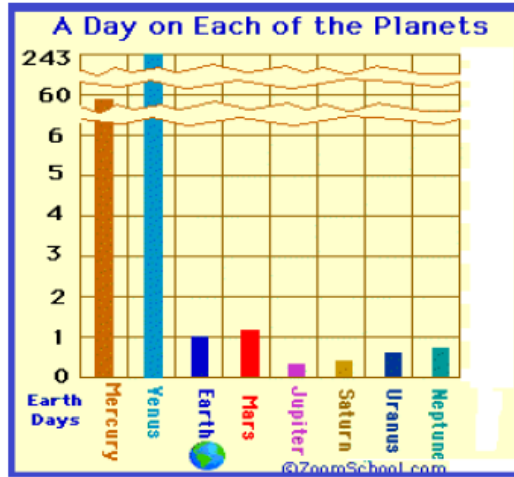
**Tuesday, 6 December 2016  
(B-day)**



Nov 30-6:27 AM

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

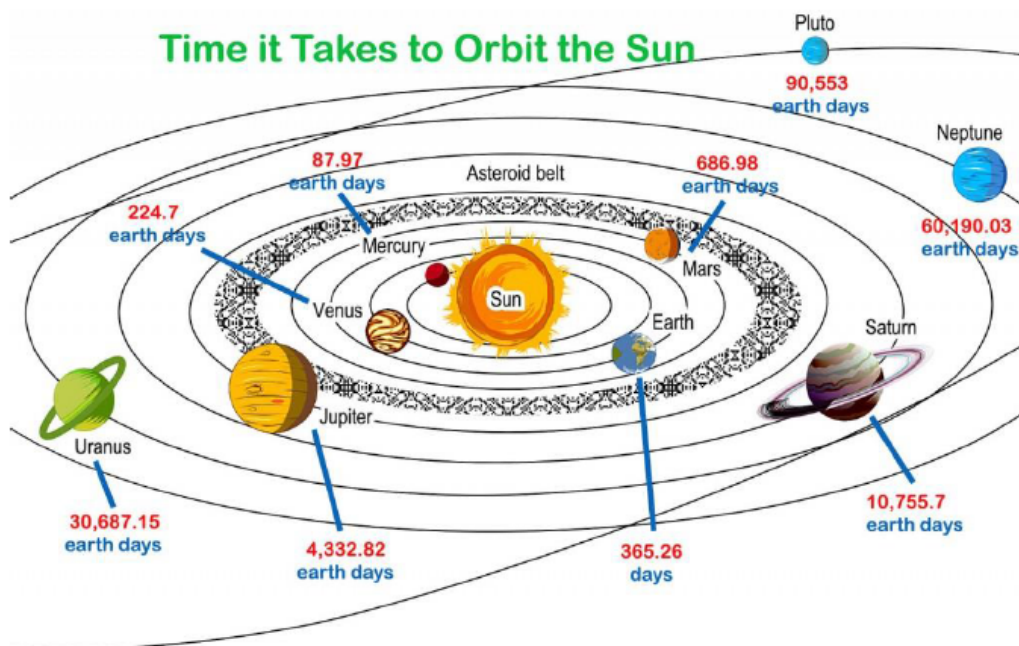
1. Examine the data provided in the table below and **discuss the factor** that determines the **length of day** for each of the planets.



Nov 28-11:53 AM

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.

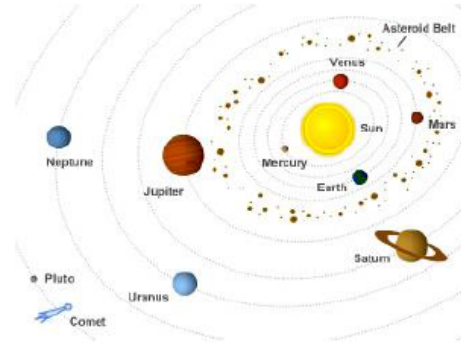
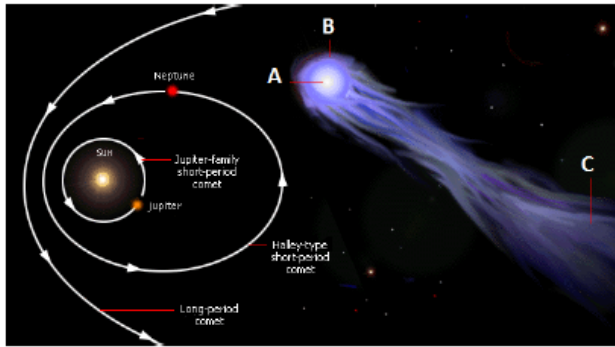


Nov 28-11:53 AM

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.



Nov 28-11:53 AM

**STATION 4**

Components of the Universe (Galaxies)

4. Examine the graphic below.

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



Nov 28-11:53 AM

Components of the Universe (Galaxies)

5. Examine the graphic below.

Identify and describe the type of galaxy shown.



Nov 28-11:53 AM

Components of the Universe (Galaxies)

6. Examine the graphic below.

Identify and describe the type of galaxy shown.

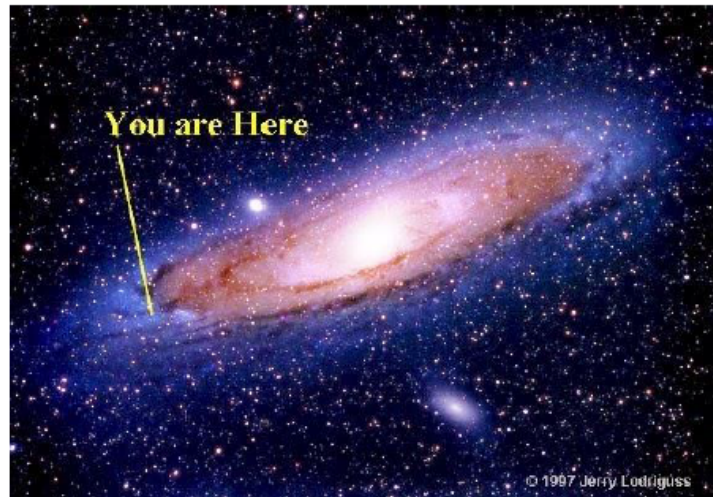


Nov 28-11:53 AM

### 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.



Nov 28-11:53 AM

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

8. Examine the graphics below.

- Discuss the limitations of the way in which the solar system models are illustrated below.
- Identify and describe the pattern of movement of all objects in our solar system and the force responsible for that movement.



Nov 28-11:53 AM