

Aug. 19, 2019 Daily Agenda

1. Collect PDN from green basket / Coach Pease at Door
2. Sharpen Pencil BEFORE you sit down
3. Sit at assigned seat
4. Complete PDN
Read the information to complete the questions.

“The Solar System” Handout

1. What is the solar system made of?

2. What is at the center of the solar system?

3. What is the name for the path a planet takes as it moves around the sun?

4. When does night occur?



Agenda

1. PDN

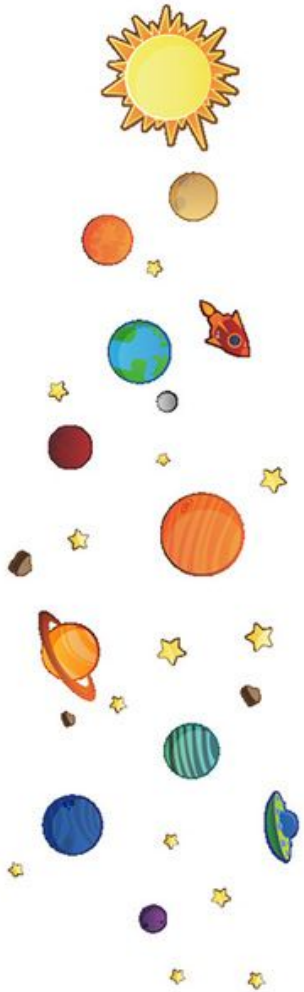
2. Honors: Introduce
Book Project

3. Regulars: Powerpoint
with note outline

4. DOL / Exit Slip

TEK 6.11 A

describe the physical properties, locations, and movements of the Sun, planets, moons, meteors, asteroids, and comets



Regular:

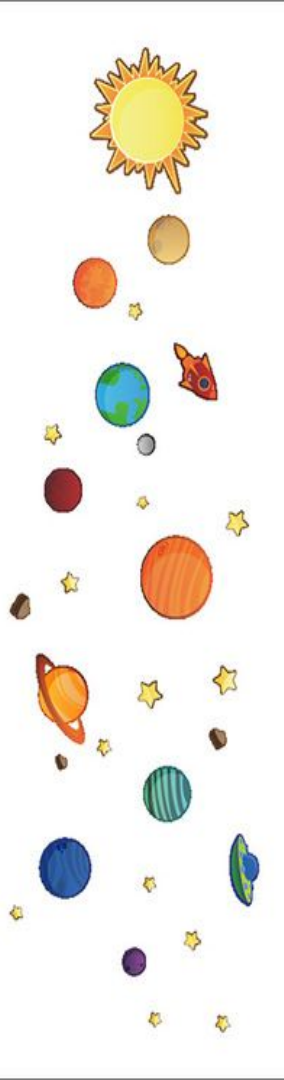
Students will compare/contrast Different objects in space through a powerpoint outline.

LO:



Honors:

Students will create a book to compare/contrast different objects found in space



DOL


Students will complete 5/5 questions over the planets and their movement in space with 80% accuracy or higher.

Small Group K/W/L

Teacher will assign small groups of 3 to 4 students.

Groups will get 3 minutes to discuss what they wrote on K/W/L charts

Group will pick 1 item they all know about space and 1 questions they all have or want to know .



Small Group K/W/L Cont.

Groups will write down “Know” and “Want to know” onto sentence strips.

1 strip for the “Know”

1 strip for the “Want to Know”

Class regroups and each group will present info written on sentence strips and add it to the class

K/W/L

Let's see if there something else we can add to our K/W/L... As you watch the clip below, list 2 new things you learned in the learned column. We will discuss once the video is complete.

<https://www.youtube.com/watch?v=zzbCEF37MfU>

Or


https://www.youtube.com/watch?v=5c_IL6l3OaA



Honors Celestial Objects Book

Teacher will explain expectations and procedures for completing book.

See additional / separate powerpoint for directions





Celestial Objects Book

6th grade project

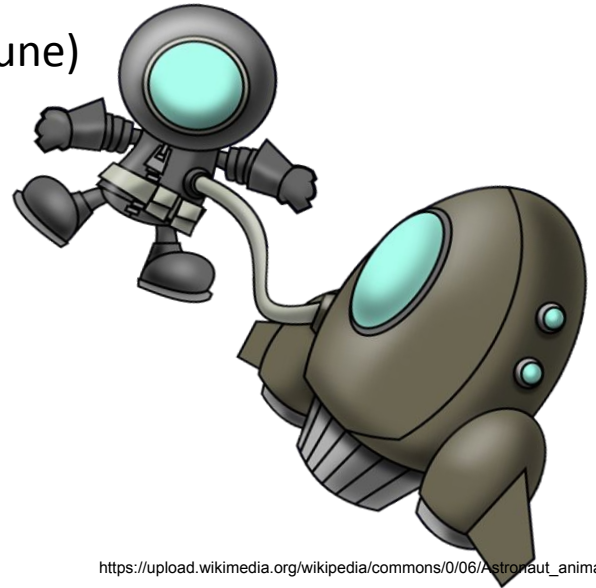
Due: August 23, 2019

Objective: Student will create a project to compare / contrast celestial objects in space.

- TEK: 6.11 A/B

- *Items to be included...*

- The Inner Planets (Mercury, Venus, Earth, Mars)
- The Outer Planets (Jupiter, Saturn, Uranus, Neptune)
- Moons
- The Asteroid Belt
- Sun
- Comets
- Asteroids
- Meteor, Meteorites, Meteoroids
- Dwarf Planets



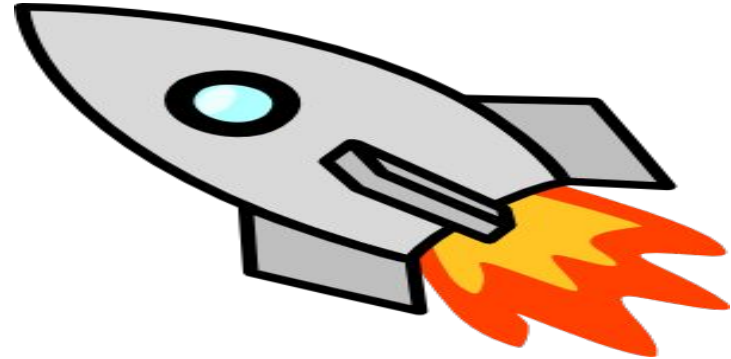
Information below must be included for the cover of the book...

Title of Book

Student first/last name

Student class period for science

Illustration (hand drawn, internet, photo taken or so forth)



Interactive Science Notebook

Table of Contents

Page #	Left Side (OUTPUT) Practice, Review, Diagrams, or Reflection	Page #	Right Side (INPUT) Classroom Activities, Notes, & Labs
1		1	
2		3	
4		5	
6		7	
8		9	
10		11	
12		13	
14		15	
16		17	
18		19	
20		21	
22		23	
24		25	
26		27	
28		29	
30		31	
32		33	

Information below must be included for the back of the front cover of the book...

*Table of Contents (1 per
6

weeks)

*Pg # Title of what is on
the page

(to be done for all pages)

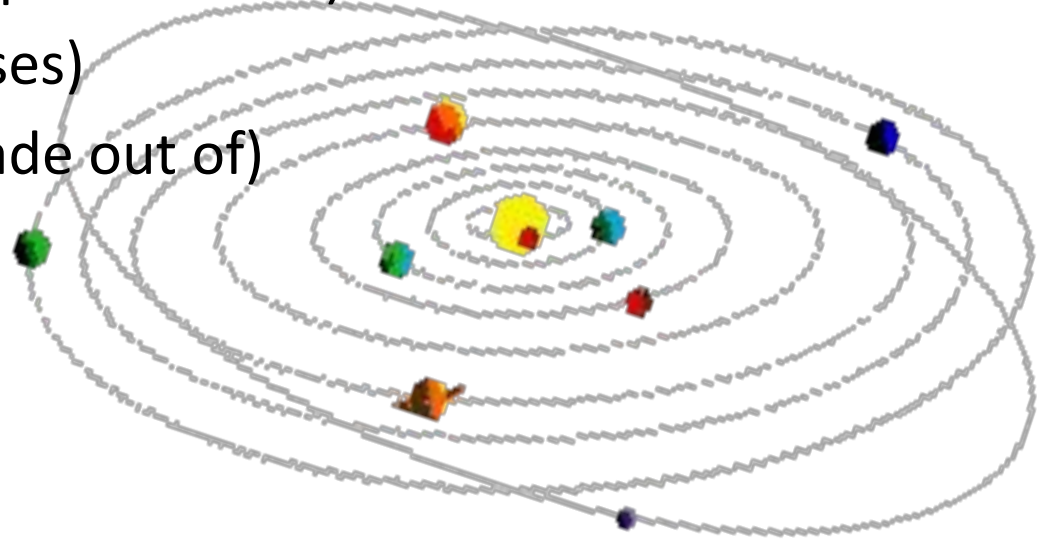
Information below must be included for the inner and outer planets...

- Mass of Planet
- Distance From the Sun
- Rotation Period (Days)
- Revolution Period (Years)
- Atmosphere (principal gases)
- Composition (materials planet is made out of)
- Gravity (amount on planet)



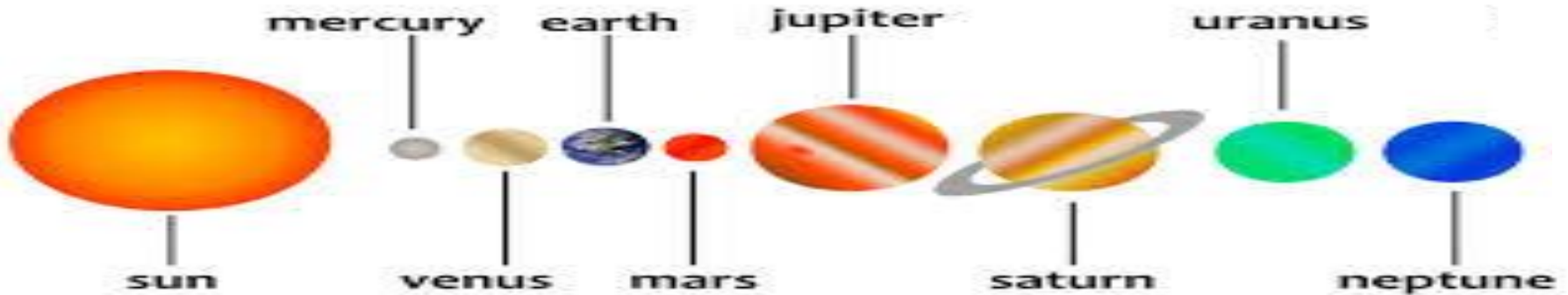
Information below must be included for the Sun, Moons, Comets, Meteor/Meteorites, Asteroids, The Asteroid Belt ...

- Mass
- Distance from the Sun (except the Sun)
- Atmosphere (principal gases)
- Composition (Material made out of)
- Gravity



Presentation to be done as a ■ ■ ■

- Hard copy Book (paper)
- Google Slide (1 slide per page)





Project Design / Layout

- 1 page per topic listed on page # 2
- Each page must include information listed on topic
- Each Page must include illustration of topic (hand drawn, internet based, photo taken)
 - reference to website is needed for internet based photos
- Each Page needs Title for topic

Objects in Space Powerpoint Outline

1. Collect Note-outline sheet from teacher
2. Teacher will present powerpoint on class TV
3. Students will use information from the powerpoint to complete the note outline



If Finish Early...

Complete Flashcard Race card
sort with a partner

Card sort will assist with
vocabulary



DOL Quiz

Name: _____ Class Period: __ Date: __/__/____

1. You can find all of these in the solar system EXCEPT:

A: planets

B: moons

C: models

D: comets




2. What keeps the Earth in its orbit?

a. The Sun's speed rotating

b. The Sun's gravitational pull

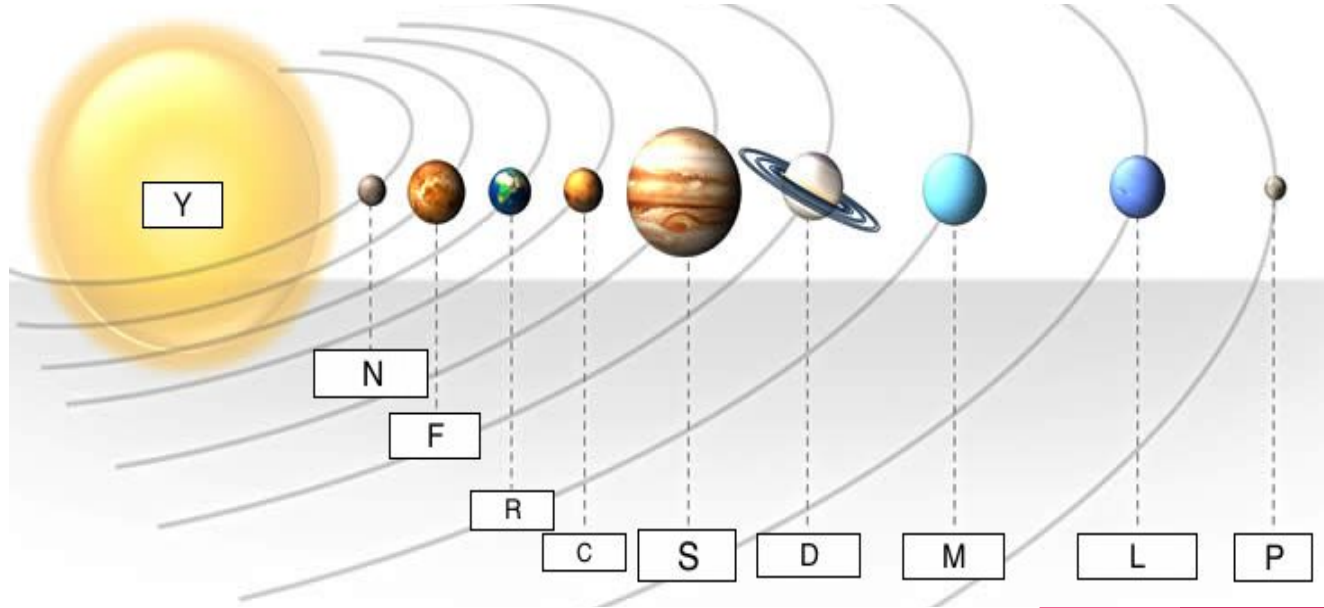
c. The Earth's spin direction

d. The Earth's location between other planets



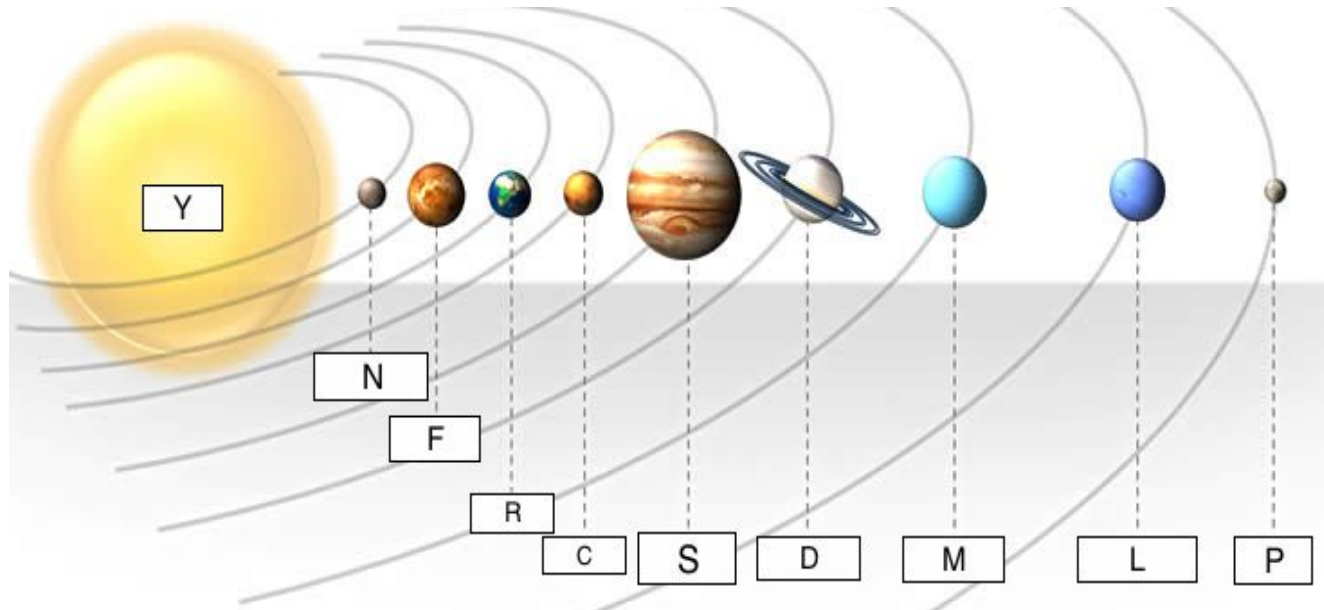
3. The diagram below represents the Sun and planets of our solar system. Which planet on the diagram represents Earth?

- a. Y
- b. R
- c. M
- d. S



4. In the diagram above represents which planet represents Jupiter?

- a. Y
- b. D
- c. S
- d. M



5. What is the correct order of the planets in the Solar System, starting closest to the Sun?

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

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

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

D: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

