

Monday

- **Science Fair**
Design your Experiment:
 - Identify Variables.
 - List & collect Materials.
 - Write Procedures
 - Create a Data Table

Tuesday

- **Visit website:**
Astro Sky Map
 - Follow instructions on Page 1**Click link before adding to GoodNotes**

Wednesday

- **Begin Moon Journal: Must be completed every night for the month of October**

* Unable to see the moon?
Use this website:
Moon Phase Tonight for Miami, Florida

Thursday

- **Page 2-3**
- **Moon Journal Observation and Entry**

**NO HOMEWORK FRIDAY!!
ENJOY YOUR WEEKEND :)**

Reminders

- **Design Experiment due 10/6**
- **Moon Journal will begin on October 1st**
- **Space Unit Test (tentative, 10/7) depends on the class schedule. Different sections may have different test days depending on class pace.**
- **HW Due 10/5 11:59pm**

Space and Our Planet Unit Vocabulary

Stelvision Sky Map

Name: _____

Instructions:

Go to this website: <https://www.stelvision.com/astro/sky-map/>
 Change the location (see image) ----->

Answer the questions below.

Part 1 – Exploring the Sky

1. Look at the current sky map. Name two constellations you can see:

2. Which planet(s) are visible from your location tonight?

3. What direction (North, South, East, West) do you need to face to see the Moon tonight?

Part 2 – Understanding Changes

Set the animation settings (see image) ----->



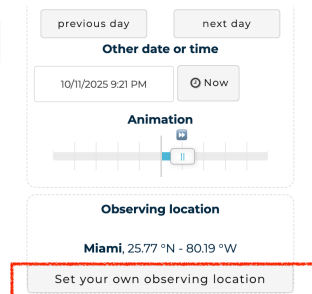
4. Watch the time move forward. What happens to the constellations?

5. Change the date to one month later. Do you notice any differences in the stars?

6. Why do constellations appear to “move” across the sky during the night? What motion do you notice happening?

Part 3 – Reflection

8. What is one thing you learned about Earth’s orbit and rotation by using this tool?



Name: _____ Date: _____

Directions: Label the major bodies in our solar system using the word bank below.
List four characteristics of inner and outer planets.

Inner Planets are:

Word Bank:

Earth

Jupiter

Neptune

Asteroid Belt

Sun

Uranus

Mars

Saturn

Mercury

Venus

Outer Planets are:



PHASES OF THE MOON

Student Guide

(E) Phases of the Moon Evaluation (4 of 4)

Name: _____

Describe the **cause and effect relationship** responsible for Moon phases by completing the following sentences using the word banks at the right.

10. The phases of the Moon are a _____
phenomenon visible from _____
with a repeating pattern.

the Moon
natural
Earth
the Sun
human-made

11. Phases of the Moon are caused by the position of
_____ and the portion of the
Moon illuminated by _____ that
can be viewed from _____.

Earth
the Moon in its orbit
the Sun
Earth in its orbit
the Sun in its orbit

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