**Trailblazer Lesson Plans**

**Lesson plans are only a guide and are subject to change.**

Mrs. Paul: **Science**

**Week of 3/27 /2017 to 3/31/2017**

**Objectives:**

**Students will be able to describe how Earth’s placement in the solar system is favorable to sustain life.**

**Students will be able to compare inner and outer planets.**

**Students will be able to describe the characteristics needed for an object to be classified as a planet.**

**I can describe how seasons effect the length of shadows.**

**Monday:**

**Learning Target**: I can describe how the length of shadows on earth are effected by the position of the sun and Earth’s tilt as it goes around the sun in its orbit.

 **Bell work**: Students complete questions over seasons.

**Class work:** Students will complete an activity over shadows and Earth’s seasons. Students will read page 88- 93 over inner planets.

**Homework: Students should study for quiz Tuesday over seasons.**

**Tuesday:**

**Learning Target**: I can describe the characteristics of inner planets and explain why earth is suitable for life.

**Bell work**: Students will review for seasons quiz.

**Class work:** Students will complete a quiz over seasons. Students will read 93-97 and complete notes over the section.

**Homework: None**

**Wednesday:**

**Learning Target**: I can describe the characteristics of an outer planet.

**Bell work**: Students will complete questions over inner planets.

## Class work: Students will read page 104- 111 and complete notes over the section.

## Homework: None

**Thursday:**

**Learning Target**: I describe the properties of a planet and a dwarf planet.

**Bell work**: Students will complete bell work over the outer planets.

## Class work: Students will read page116-119and students will complete notes over the section. Students will watch the following video over planets. Students will complete a comparison between what is a planet and a dwarf planet. Students will conduct research and write an article over the difference.

## <https://www.youtube.com/watch?v=RQU2Q-CU6lY>

Students will use the following websites to complete their research:

<http://www2.ess.ucla.edu/~jlm/epo/planet/planet.html>

<http://starchild.gsfc.nasa.gov/docs/StarChild/solar_system_level2/planets.html>

<http://www.windows2universe.org/our_solar_system/dwarf_planets/dwarf_planets.html>

<http://lasp.colorado.edu/education/outerplanets/kbos_dwarfplanets.php>

## Homework: Work on planet article.

**Friday:**

**Learning Target**: I can compare planets and dwarf planets.

## Bell work: Students will complete questions over planets.

## Class work: Students will continue working on planet article.

## Homework: None

[**https://www.youtube.com/watch?v=Cl5EknhEsSQWeird**](https://www.youtube.com/watch?v=Cl5EknhEsSQWeird) **planets**