**Trailblazer Lesson Plans**

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

Mrs. Paul: **Science**

**Week of 5/07 /2018 to5 /11/2018**

**Objectives:**

**Students will be able to explain how constellations change position in the night sky as seasons change.**

**Students will be able explain the properties used to classify stars.**

**Students will be able to describe how a stars color indicates its temperature.**

**Students will be able to explain the stellar evolution of stars.**

**Students will be able to interpret an H-R diagram .**

**Monday:**

**Learning target**: I can describe the phases of the moon.

**Bell work:** Students will complete questions over moon phases.

**Class work:** Students will complete tasks cards and will practice identifying the phases of the moon Students will complete a worksheet over moon phases. .

**Homework: Study for quiz over moon phases.**

**Tuesday:**

**Learning target**: I can describe the life cycle of stars.

**Bell work:** Students will complete questions over moon phases.

**Class work:** Students will complete a quiz over moon phases and read page

98-103 and complete notes over the section.

**Homework: None**

**Wednesday:**

**Learning target**: I can describe the lifecycle of a star.

**Bell work:** Students will complete questions over absolute and apparent magnitude.

**Class work:** Students will complete a study guide over astronomy .

**Homework: Study for common assessment.**

**Thursday:**

**Learning target**: I can plot data on the H-R diagram and interpret it.

**Bellwork:** Students will complete questions over stars.

## Class work: Students will plot data on the H-R diagram and answer questions.

**Homework**: None

**Friday:**

**Bell work: Students will complete question over stars**

**Learning target:** I can demonstrate my knowledge of the solar system on the common assessment .

## Class work: Students will complete a common assessment over the solar system.

## Homework: None