Trailblazer Lesson Plans

Mrs. Paul: **Science**

**Week of 9/04/2017- 9/08/2017**

**Objectives:**

**Students will be able to describe the engineering process.**

**Students will be able to make data tables and graphs.**

**Monday:** No School

**Tuesday:**

**Learning Target: I can describe the engineering process**

**Bell work**: Students will worksheet over science vocab.

**Class work:** Students will watch several videos on engineering and complete notes over the engineering design.

<https://www.youtube.com/watch?v=D9I35Rqo04E> 1st video

<https://www.youtube.com/watch?v=RM04n0-QtNo> 2nd video

<https://www.youtube.com/watch?v=zrAl6JQ3sb4> 3rd video

<https://www.nasa.gov/audience/foreducators/best/edp.html> Steps of engineering process by Nasa

Students will compete notes over the engineering process .

Students will complete a matching vocab exercise.

**Homework: Study for quiz over data tables on Wednesday.**

**Wednesday:**

**Learning Target : I can design a solution to an engineering problem.**

**Bell work:** Students will complete vocab over the engineering process.

**Class work:** Students will complete a quiz over data tables and design a bridge prototype and test it.

**Homework: None**

**Thursday:**

**Learning Target : I can re-analyze my ptototype and makes a better design.**

**Bell work**: Students complete questions over the engineering process.

**Class work:** Students will redesign their bridge and test it.

**Homework: Study for quiz on Friday.**

**Friday:**

**Learning Target: I can describe the engineering process.**

**Class work:** Students will complete a quiz over the engineering process.

**Homework:** None