**Trailblazer Lesson Plans**

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

Mrs. Paul: **Science**

**Week of 11/27/18 to 11/29/18**

**Objectives:**

**Students will be able to classify energy resources as renewable or nonrenewable.**

**Students will be able to explain the pros and con associated with renewable or nonrenewable energy resources.**

 **Tuesday:**

**Learning Target: I can describe the different forms of nonrenewable energy resources, how they generate energy and the pros and cons associated with them.**

**Class work:** Students will watch a video over fossil fuels and complete notes to go along with it.

Link <https://www.youtube.com/watch?v=zaXBVYr9Ij0>

Students will watch a video over how oil and gas are extracted from the Earth and complete notes over it. Link <https://www.youtube.com/watch?v=8YHsxXEVB1M> natural gas 101

Students will watch a video over fracking and complete a note sheet

<https://www.youtube.com/watch?v=Uti2niW2BRA> fracking

**Wednesday:**

**Learning Target: I can describe the different forms of nonrenewable energy resources, how they generate energy and the pros and cons associated with them.**

**Bell work:** Students will complete questions over nonrenewable energy resources.

**Class work:** Students will read page 120- 125 in the Glencoe Earth Science book and complete notes over the section.

**Thursday:**

**Learning Target:** I can design and construct a pipeline that can transport oil in an environmentally friendly way.

**Bell work:** Students will read a passage over the keystone pipeline.

**Class work:** Students will design a pipeline to transport oil.

**Homework**: None

**Friday:**

**Learning Target::** I can design and construct a pipeline that can transport oil in an environmentally friendly way.

**Bell work:** Students will complete questions over energy resources.

**Class work:** Students will build and test their pipelines to determine their feasibility.

**Homework**: None