**Science Olympiad Lesson Plans**

**Teacher: Mrs. Paul**

**Week of 9/19/2016- 9/23/2016**

**Objectives:**

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

Students will be able to describe the different forms of energy resources and their pros and cons.

Students will be able to describe the parts of a wind turbine.

Students will be able to design a wind turbine.

Students will be able to design a solar car.

**Monday:**

**Learning target:** Students will be able to create a goggle slide presentation describe energy resources along with the pros and cons.

**Class work:** Students will create a goggle slide presentation describe energy resources along with the pros and cons.

**Tuesday:**

**Learning target:** Students will be able to create a goggle slide presentation describe energy resources along with the pros and cons.

**Class work:** Students will create a goggle slide presentation describe energy resources along with the pros and cons.

**Wednesday:**

**Learning target:** Students will be able design and build a solar car.

**Class work:** Students build a solar car.

**Thursday:**

**Learning target:** Students will be able to describe the parts of a wind turbine and the different kinds of wind turbines.

**Class work:** Students will watch a video over wind turbines and view a poweroint over wind and take notes.

<https://video.search.yahoo.com/yhs/search;_ylt=A0LEVinKYN1Xn2UAvKonnIlQ?p=wind+turbines&fr=yhs-mozilla-004&fr2=piv>

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**Friday:**

**Learning target:** I candesign a wind turbine.

**Class work:** Students will design a wind turbine