**Science Olympiad Lesson Plans**

**Lesson plans are subject to change and are used as a guide.**

Teacher: Mrs. Paul

**Week of 8/16/17 to 8/18/17**

**Objectives:**

**Students will be able to students will be able to identify the parts of a microscope and their function.**

**Students will be able to identify basic lab tools and describe their function.**

**Students will be able to identify the parts of a triple beam and how to read it.**

**Students will be able to read the volume of a liquid using a graduated cylinder**

**Monday:** Teacher workday

**Tuesday:** Teacher workday

**Wednesday:** **Classwork:** Students will go over classroom rules and procedures .Students will be given a science contract that will be discussed and needs to be signed by Friday. Students will view the different events for the 2016-2017 school year and go over what science Olympiad is.

Video Link: <https://www.youtube.com/watch?v=RsC0UR6exZA>

**Thursday:**

**Learning Target: I can describe the different parts of a microscope and their functions.**

**Classwork:** Students will view a power point over the parts of the microscope and complete notes over the parts of the microscope and their function. Students will complete a poster labeling the parts of the microscope. Quiz Friday over the parts of the microscope.

**Home work:** Students must get their science safety contract signed and turned in by Friday.

**Friday:**

**Learning Target: I can identify basic lab tools and describe their functions. I can find the mass of an object by reading a triple beam balance. I can find the volume of a liquid by reading a graduated cylinder.**

**Class work:** Students will complete a worksheet identifying basic lab tools and their function. Students will complete a quiz over the parts of the microscope. Students will go online and practice reading a graduated cylinder and a triple beam balance at the following websites:

<http://www.wisc-online.com/objects/ViewObject.aspx?ID=gch302>

<http://www.ohaus.com/input/tutorials/tbb/TBBread.html>