**Science Olympiad Lesson Plans**

**Teacher: Mrs. Paul**

**Week of 2/05/18 to 2/09/18**

**Objectives:**

**Students will be able to describe what matter is and describe matter using its physical and chemical properties.**

**Students will be able to classify matter as an element, compound or a mixture.**

**Monday: Learning Target:** I can describe what matter is and describe matter using its physical and chemical properties.

**Class work:** Students will read page 4, 12-19 and complete notes over the section and complete a worksheet identifying, Students will complete a lab on physical and chemical changes.

**Tuesday:**

 **Learning Target**: I can classify matter as an element, compound or a mixture.

**Class work:** Students will read page 54- 65. Students will complete notes over the section.

**Wednesday:**

**Learning Target:** I can separate a mixture and describe how matter changes state.

**Class work:** Students complete a lab separating a mixture. Students will read page 38- 43 and complete notes over the section.

**Wednesday:**

**Learning Target**: I can classify matter as an element, compound or a mixture.

**Class work:** Students will read page 54- 65. Students will complete notes over the section.

**Thursday:**

**Learning Target**: I can read a interpret the periodic table.

**Class work:** Students will read page 104- 119 and complete a worksheet identifying the different types of element groups on the periodic table.

**Friday:**

**Learning Target**: I can identify the number of valence electrons in an atom and determine the likelihood of an atom to bond.

**Class work:** Students will read page 4-17 and complete notes over the section.