**7th Grade Science Lesson Plans**

 September 30 – October 4

Physical & Chemical Properties

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **CONTENT****OBJECTIVE:** | Students will be able to demonstrate ***analysis*** of density by ***explaining*** how to determine the density of an object with 1 error or less. | Students will be able to demonstrate ***analysis*** of density by ***determining*** the density of an unknown object in order to identify it on exit ticket with a score of 2 or higher on the rubric. | Students will be able to demonstrate **application** of physical and chemical properties by **determining** the density, solubility, and flammability of 3 liquids with an ***accuracy of 80%*** in the results. | Students will be able to demonstrate **analysis** of chemical and physical properties by **determining** the identity of an unknown substance on an exit ticket with a ***score of 3 or higher***. | Students will be able to demonstrate analysis of properties of matter by sorting the properties using a class movement activity. |
| **LANGUAGE OBJECTIVE:** | Students will discuss the characteristics of objects using accountable talk sentence starters. | Students will write to explain using a type 2 exit ticket. | Students will discuss the properties of a substance using a sentence stem and randomized students. | Students will orally share their answers using the Question, Signal, Stem, Share strategy. | Students will read and write to summarize using a graphic organizer.  |
| **VOCABULARY:** |  | Rectangular Solid, Irregular Solid, Density | Solubility, Flammability | Physical Property, Chemical Property |  |
| **NGSS:** | **MS-PS1-2:**Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. | **MS-PS1-2:**Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. | **MS-PS1-2:**Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. | **MS-PS1-2:**Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. | **MS-PS1-2:**Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. |