**IPC CLASSIFICATION OF MATTER UNIT PLAN 2016**

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| --- | --- | --- | --- | --- |
| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|  | 1/19  \*Intro to matter  notes  \*Phase change  diagrams  worksheet | 1/20  \*Phase change  lab | 1/21  \*Classification of  matter web quest | 1/22  \*Matter notes and  card sort |
| 1/25  \*Matter worksheet | 1/26  \*Mixtures lab | 1/27  \*Quiz  \*Physical vs  chemical changes  notes | 1/28  \*Physical vs  chemical changes  worksheet | 1/29  \*Physical and  chemical changes  lab |
| 2/1  \*Lab day two | 2/2  \*Review | 2/3  \*Test |  |  |

**CLASS WEBSITE:**

[**www.wheatleybiology.weebly.com**](http://www.wheatleybiology.weebly.com) **(IPC)**

**VOCABULARY**

1. Boiling Point = temperature at which a liquid boils and turns to vapor.
2. Chemical Change = any change that results in the formation of a new chemical substance.
3. Colloid = homogeneous substance consisting of large molecules dispersed through a second substance.
4. Compound = thing that is composed of two or more separate elements.
5. Element = cannot be chemically broken down into simpler substances.
6. Freezing Point = temperature at which a liquid turns into a solid when cooled.
7. Gas = expands freely to fill any space available.
8. Heterogeneous = combination of two or more substances in which the original substance retain their chemical properties.
9. Homogeneous = uniform composition and properties throughout.
10. Liquid = flows freely but of constant volume.
11. Mixture = made by mixing other substances together.
12. Phase Change = change from one state of matter to another.
13. Physical Change = change in which no new substances are formed.
14. Pure Substance = composed of only one type of particle.
15. Suspension = mixture in which small particles are dispersed throughout.
16. Solid = firm and stable in shape.