**Teacher: June Young Week of: October 28 – November 1, 2019 Subject: 8th Grade GEN Science Period: 1, 2, 3, 4, 6**

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|  | OBJECTIVES | ACTIVITIES | RESOURCES | HOMEWORK | EVALUATION | Literacy  STANDARDS |
| MON | ACOS:  1. Analyze patterns within the periodic table to construct models that illustrate the structure, composition and characteristics of atoms and molecules.  5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred. | **GEN BR:** Household Chemicals practice  **Students will:**  **GEN:** Complete naming, and counting of atoms of everyday chemical compounds. | **Glencoe Nature of Science**  Ch. 12 Chemical Reactions & Equations  Understanding Chemical Reactions pp.418-428  Types of Chemical Reactions pp.429-434  Energy Changes & Chemical Reactions pp.435-441  **A+/LTF PowerPoints & Notes**  **Teacher made NB Test**  **Counting Atoms**  **Cool Chemical Reaction Lab** | **GEN:** Finish any unfinished classwork. | Test & Participation | [CCSS.ELA-Literacy.RST.6-8.1](http://www.corestandards.org/ELA-Literacy/RST/6-8/1/)  [CCSS.ELA-Literacy.RST.6-8.2](http://www.corestandards.org/ELA-Literacy/RST/6-8/2/)  [CCSS.ELA-Literacy.RST.6-8.4](http://www.corestandards.org/ELA-Literacy/RST/6-8/4/)  [CCSS.ELA-Literacy.RST.6-8.6](http://www.corestandards.org/ELA-Literacy/RST/6-8/6/)  [CCSS.ELA-Literacy.RST.6-8.7](http://www.corestandards.org/ELA-Literacy/RST/6-8/7/) |
| TUE | ACOS:  1. Analyze patterns within the periodic table to construct models that illustrate the structure, composition and characteristics of atoms and molecules.  5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred. | **GEN BR:** How to Count Atoms (front side)  **Students will:**  **GEN:** Identify the parts of a chemical equation; discuss how to count the atoms in a formula; practice counting atoms; watch video – Balancing Chemical Equations for Beginners; start Balancing Equations Challenge. | **Glencoe Nature of Science**  Ch. 12 Chemical Reactions & Equations  Understanding Chemical Reactions pp.418-428  Types of Chemical Reactions pp.429-434  Energy Changes & Chemical Reactions pp.435-441  **A+/LTF PowerPoints & Notes**  **How to Count Atoms**  **Balanced or Unbalanced?**  **Balancing Equations Challenge**  **Balancing Equations for Beginners video - #aumsum** | **GEN:** Finish any unfinished classwork | Bell ringer; participation; lab | [CCSS.ELA-Literacy.RST.6-8.1](http://www.corestandards.org/ELA-Literacy/RST/6-8/1/)  [CCSS.ELA-Literacy.RST.6-8.2](http://www.corestandards.org/ELA-Literacy/RST/6-8/2/)  [CCSS.ELA-Literacy.RST.6-8.4](http://www.corestandards.org/ELA-Literacy/RST/6-8/4/)  [CCSS.ELA-Literacy.RST.6-8.6](http://www.corestandards.org/ELA-Literacy/RST/6-8/6/)  [CCSS.ELA-Literacy.RST.6-8.7](http://www.corestandards.org/ELA-Literacy/RST/6-8/7/) |
| WED | ACOS:  1. Analyze patterns within the periodic table to construct models that illustrate the structure, composition and characteristics of atoms and molecules.  5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred. | **GEN BR:** Glucose Formula Exit Ticket  **Students will:**  **GEN:** Watch video – Introduction to Balancing Equations; complete Balancing Act; discuss Law of Conservation of Mass; watch video – Law of Conservation of Mass. | **Glencoe Nature of Science**  Ch. 12 Chemical Reactions & Equations  Understanding Chemical Reactions pp.418-428  Types of Chemical Reactions pp.429-434  Energy Changes & Chemical Reactions pp.435-441  **A+/LTF PowerPoints & Notes**  **A+/LTF Checkpoint 3.4**  **Glucose Formula Exit Ticket**  **Reaction Types Flinstones Video**  **Balancing Act**  **Introduction to Balancing Equations – Tyler DeWitt**  **Law of Conservation of Mass –** TED Ed. | **GEN:** Complete any unfinished classwork | Bell ringer; participation | [CCSS.ELA-Literacy.RST.6-8.1](http://www.corestandards.org/ELA-Literacy/RST/6-8/1/)  [CCSS.ELA-Literacy.RST.6-8.2](http://www.corestandards.org/ELA-Literacy/RST/6-8/2/)  [CCSS.ELA-Literacy.RST.6-8.4](http://www.corestandards.org/ELA-Literacy/RST/6-8/4/)  [CCSS.ELA-Literacy.RST.6-8.6](http://www.corestandards.org/ELA-Literacy/RST/6-8/6/)  [CCSS.ELA-Literacy.RST.6-8.7](http://www.corestandards.org/ELA-Literacy/RST/6-8/7/) |
| THUR | ACOS:  1. Analyze patterns within the periodic table to construct models that illustrate the structure, composition and characteristics of atoms and molecules.  5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred. | **GEN BR:** Number NB  **Students will:**  **GEN:** Halloween Escape Room | **Glencoe Nature of Science**  Ch. 12 Chemical Reactions & Equations  Understanding Chemical Reactions pp.418-428  Types of Chemical Reactions pp.429-434  Energy Changes & Chemical Reactions pp.435-441  **A+/LTF PowerPoints & Notes**  **Teacher made questions** | **GEN:** Review balancing equations | Bell ringer; class work | [CCSS.ELA-Literacy.RST.6-8.1](http://www.corestandards.org/ELA-Literacy/RST/6-8/1/)  [CCSS.ELA-Literacy.RST.6-8.2](http://www.corestandards.org/ELA-Literacy/RST/6-8/2/)  [CCSS.ELA-Literacy.RST.6-8.4](http://www.corestandards.org/ELA-Literacy/RST/6-8/4/)  [CCSS.ELA-Literacy.RST.6-8.6](http://www.corestandards.org/ELA-Literacy/RST/6-8/6/)  [CCSS.ELA-Literacy.RST.6-8.7](http://www.corestandards.org/ELA-Literacy/RST/6-8/7/) |
| F  R  I | ACOS:  1. Analyze patterns within the periodic table to construct models that illustrate the structure, composition and characteristics of atoms and molecules.  5. Observe and analyze characteristic properties of substances before and after the substances combine to determine if a chemical reaction has occurred. | **GEN BR:** Balanced or Unbalanced?  **Students will:**  **GEN:** Review Law of Conservation of Mass; complete Law of Conservation of Mass Lab. | **Glencoe Nature of Science**  Ch. 12 Chemical Reactions & Equations  Understanding Chemical Reactions pp.418-428  Types of Chemical Reactions pp.429-434  Energy Changes & Chemical Reactions pp.435-441  **A+/LTF PowerPoints & Notes**  **Balanced or Unbalanced?**  **Equation Reaction Types Labeling**  **Law of Conservation of Mass Lab**  **Sunset in a Bag Lab** | **GEN:** Finish any unfinished classwork | Bell ringer; lab | [CCSS.ELA-Literacy.RST.6-8.1](http://www.corestandards.org/ELA-Literacy/RST/6-8/1/)  [CCSS.ELA-Literacy.RST.6-8.2](http://www.corestandards.org/ELA-Literacy/RST/6-8/2/)  [CCSS.ELA-Literacy.RST.6-8.4](http://www.corestandards.org/ELA-Literacy/RST/6-8/4/)  [CCSS.ELA-Literacy.RST.6-8.6](http://www.corestandards.org/ELA-Literacy/RST/6-8/6/)  [CCSS.ELA-Literacy.RST.6-8.7](http://www.corestandards.org/ELA-Literacy/RST/6-8/7/) |