**COMMUNIQUE**

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| **Course: Life Science** | **Instructor: Robert Vetter** |

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| **Week 1Activities/Concepts: Classroom norms, tool safety, Scientific method**  **Suggested Home Study: watch Bozeman Science or Khan Academy videos on the scientific method, read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 2 Activities/Concepts: Scientific Method continued- seed project- we develop and test our own hypothesis- seeds taken from organic produce vs. seeds taken from non-organic produce- which will grow better? We will also need to design and construct an apparatus in which to test our hypothesis. We need to define the parameters of our experiment, define a control, and determine the best way to collect and analyze data.**  **Suggested Home Study: research how to care for seeds for a specific fruit or vegetable (ex. Cucumber, tomato, lime, etc). Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 3 Activities/Concepts: seed experiment (ctd); Levels of Organization: cells, tissues, organs, organ systems, whole organism; Characteristics of living things.**  **Suggested Home Study: Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 4 Activities/Concepts: seed experiment- data collection (ctd); The relative size of molecules in Living Things: from water to DNA**  **Suggested Home Study: watch power of ten video, Read corresponding material in your text book or find online resources that align with the topic at hand.** |