**COMMUNIQUE # 8**

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

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| **Week 29 School Vacation- Spring Break** |
| **Week 30 Activities/Concepts: Unit 8 Evolution**   1. **Lamarck** 2. **Charles Darwin and Natural Selection** 3. **Scientific Terms: hypothesis and theory** 4. **Evidence for Evolution: geological, fossils, and comparative anatomy**   **Activity: Geologic Timeline. Display significant developments and extinctions of plant and animal life on a geologic time scale.**  **Activity: Wegner’s Puzzling Continents that shows fossil and geologic evidence for continental drift.**  **Suggested Home Study: Research Darwin and his voyages. Research articles on the age of the earth. Research Wegener and his continental drift theory. Research sea floor spreading and plate tectonics. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 31 Activities/Concepts: Unit 8 Evolution**   1. **The fossil Record: biological diversity, episodic speciation, mass extinction** 2. **Variation** 3. **Diversity**   **Activity: Watch a documentary about the evolution in the Galapagos Islands narrated and written by Sir David Attenborough.**  **Suggested Home Study: Research the Galapagos Islands and their importance with respect to shedding light on both evolution and natural selection. Research Darwin’s voyage to these islands and his research and writings about his voyages there. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 32 Activities/Concepts: Unit 9 The Human Body (Physiology and Homeostasis)**   1. **How Bones and Muscles work together**   **Activity: Human Skeletal System Coloring guide including: full body, skull, and hand.**  **Activity: What a skeleton can tell us about the person.**  **Suggested Home Study: Research the skeletal system and appreciate that this system is very much alive and has variety of critical functions. Read corresponding material in your text book or find online resources that align with the topic at hand.** |