Laarman Lesson Plan

Class: Earth Science Unit: The Forces Impacting Humanity: Earthquakes

Standards: ESS3-1

Topic: Earthquake Mitigation Strategies Date: 12/19/16

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| **Materials, Prep** | Earthquakes playlist on Safari Montage; Asus cart |
| **Objective** | Students will consider the technological ways to mitigate earthquake disasters. |
| **Procedure** | 1. Distribute, discuss project rubrics 2. Earthquakes playlist from Safari 3. On computers, students investigate ways to mitigate earthquake disasters by exploring [www.nationalgeographic.com/forcesofnature](http://www.nationalgeographic.com/forcesofnature) and <http://tlc.discovery.com/convergence/quakes/interactives/makeaquake.html> |

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| **Materials, Prep** | Asus cart |
| **Objective** | Students will devise a multi-faceted plan to mitigate earthquake disasters. |
| **Anticipatory Set**  **-connection, motivation, relevance** | Share what you learned from yesterday’s activities with a partner. |
| **Procedure** | Participate in the “Stop Disasters” game to protect a town from destruction by earthquake. |

Topic: Earthquake Mitigation Strategies Date: 12/21/16

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| **Materials, Prep** | Asus carts, exam study guides, project rubrics |
| **Procedure** | 1. Distribute, discuss exam study guides 2. Continue the “Stop Disasters” game to protect a town from destruction by earthquake. 3. Fill in charts while viewing a documentary at <https://www.youtube.com/watch?v=QUO0HhMvXnQ> |

Topic: Tsunamis Date: 12/22/16

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| **Procedure** | Complete documentary |