Laarman Lesson Plan

Class: Earth Science Unit: Sources of Energy Standards: ESS3-2

Topic: Beginning of Group Research Date: 3/6/17

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| **Materials, Prep** | Laptop Cart |
| **Anticipatory Set**  **-connection, motivation, relevance** | Class discussion: Group projects   * Review previous discussion of dysfunctional groups   + Some do no work   + Some take over all the work and don’t take input   + Disrespect and bickering * What should you be graded on? What should be on a grading rubric for this project? Split your answers into “process” and “product” categories |
| **Procedure** | Student groups begin research on projects   * Each group is assigned an energy source to research answers to the class-generated questions from last week * Be sure to express power generation in people powered per year * Conclude with a recommendation: is this a power source we should be trying to expand, move away from, stay put on? |
| **Homework** | Group presentations due Thursday |

Topic: Group Research Date: 3/7/17 - 3/8/17

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| **Materials, Prep** | Laptop cart |
| **Procedure** | Student groups research their topics and prepare to present to the class Monday |
| **Homework** | Group presentations begin Thursday! |

Topic: Establishing Group Ground Rules Date: 3/9/17 - 3/10/17

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| **Procedure** | Student groups present their research projects on aspects of the energy sources of the U.S. |