Laarman Lesson Plan

Class: Earth Science Unit: Earth’s Resources Standards: ESS3-2

Topic: Energy Resources Date: 2/27/24

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| **Materials, Prep** | Resources PowerPoint, *Switch* video viewing guide |
| **Anticipatory Set****-connection, motivation, relevance** | 1. Introduce the next unit: Earth’s Resources
2. Write about a time when you made a switch in your life. Why did you do it? How hard was it? What were the results?
3. Discuss: what’s the difference between renewable and non-renewable energy resources? What are some examples of each when it comes to energy resources?
4. Explain where we are headed with this unit
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| **Procedure**  | Begin *Switch* video |

Topic: Energy Resources Date: 2/28/24

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| **Procedure** | 1. Finish *Switch* segment on coal (about 30 minutes in)
2. Discuss the problem of growing economies demanding more energy resources
3. Complete “Coal Benefits and Costs-Big Picture” activity on Switch Classroom platform (skip the final “cost of carbon analysis” activity)
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Topic: Energy Date: 2/29/24

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| **Procedure**  | 1. Continue *Switch* documentary through the solar section
2. Complete “Introduction to Solar” activity on Switch Classroom platform
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Topic: Energy Date: 3/1/24

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| **Procedure**  | Fact-Check Friday |