Introduction to Atomic Energy: History of the Atomic Bomb

Directions: Use the video clips and the list of resources on Edmodo (in the folder for Unit 1) to answer the following questions. Please answer the questions in your notebook, in full sentences:

1. What was Atomic City? What was it used for?

2. What is the Manhattan Project? What was the goal of the project? When did it take place?

3. What was “Trinity”? Why is it an important date in US (and world) history?

4. What chemicals are used in atomic bomb? Describe the reaction that occurs that causes the giant explosion.

5. Describe the devastation caused by the bombs dropped on Hiroshima and Nagasaki.

6. Create a concept map connecting and describing the link between the words in the word bank below.

Example:

7. If you had been a worker at Atomic City and found out what you were actually working on, would you have continued to work there? Explain your reasoning.

8. If you had been one of the scientists on the Manhattan Project, would you have continued to work on the project if you had known it would be used to “end the war”? Explain your reasoning.

9. Do you believe that the end of the war justified use of atomic warfare on Japan? Explain your reasoning.

10. Why is it important to study and understand the atom? Explain.
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