Nuclear Chemistry Event Jigsaw

Station 1: “The Bombing Of Hiroshima”
Video: http://www.5min.com/Video/The-Atomic-Bombings-of-Hiroshima-119994298

1. What was the name of the research project to develop the nuclear bomb in the USA?

2. What were the United States reasons for bombing Hiroshima, Japan?

3. Many disagreed with the bombing and considered it amoral. What did Japan, President Eisenhower and Professor Peter Kuznick think about this issue?

Station 2: Chernobyl

1) Staple Article to Worksheet
2) Read Article on the Chernobyl Nuclear Plant Accident.
3) As you read highlight
   a. Interesting Things in Blue
   b. Confusing things in Yellow
4) When you complete the reading summarize
   a. Summarize one interesting. (Re-write it on a blue post-it)

   b. Summarized one confusing thing (Re-write on a yellow post-it)

5) Write your name on the post-its!
Station 3:  **Three Mile Island**
Examine the pictures at the station.

1) Read “Three Mile Island” Outloud in your group
2) What do you notice about the two maps?  List your observations

3) What do you find interesting about the other pictures?

Station 4:  **Earthquake in Japan – Nuclear Power Plant Accident**
Read through emails between Karen and Hiroe. Karen is a friend of my mother and Hiroe is her pen pal from Japan.

1) How was the radiation effecting the **environment** around Hiroe’s Home?

2) What are some **technological** problems the **City** is having after the earthquake?

3) The emails from Hiroe were sent over the course of almost **2 years**.  What do you notice about the effects of the radiation over time?