Modern Marvel: The Manhattan Project

Name_____

Date_____ Period_____

Video Link:
https://www.youtube.com/watch?v=1y1jGZnzB7U

As you watch the program, answer the following questions.

1. Where was the first atomic bomb tested?

2. Who were some of the scientists who fled Europe when Hitler and his Nazi Party came to power? Where did many of them end up?

3. Which two scientists wrote a letter to President Franklin Roosevelt to warn him about nuclear fission and the Nazi's efforts to develop it?

4. Initially, President Roosevelt was hesitant about the development of this new weapon. Which event changed his mind? (Think: Dec. 7, 1941)

5. Which general was put in charge of the Manhattan Project? What were his initial views of the creation of this new bomb?

6. The main development plant of the Manhattan Project was located in Los Alamos, New Mexico. Which scientist was put in charge?

7. The main uranium enrichment plant was in Oak Ridge, Tennessee. During WWII, there was a shortage of workers. How did they recruit people to work at the Oak Ridge Nuclear Laboratory?

8. As research continued, some scientists argued that plutonium should be used to develop the bomb. The American government started creating plutonium where in the United States?

9. How big was the uranium based atomic bomb (Little Boy)?

10. Who died on April 12, 1945?

11. When Harry Truman became the American president, did he know about the Manhattan Project?

12. What was the result of the first test of the atomic bomb?

13. In June 1945, many of the scientists who had worked to create the atomic bombs signed a petition to call for what?

14. Col. Paul Tibbets flew a B-29 named the Enola Gay to drop the first atomic bomb on Hiroshima. Who was the plane named after?

15. On what date Japan finally surrender?

16. In 1949, which country would become the 2nd nation to create an atomic bomb?

17. What happened to Oppenheimer in 1954?

18. How did the creation of the atomic bombs (and nuclear weapons) impact the world we live in?

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