

Outcome 4.3: explain how innovations and ideas in the past influenced quality of life.

Go to the webpage below and as you read each section, complete the items that follow.

<https://manhattanproject-ruu-uhs.weebly.com/>

1. **Knowledge:** What were the original intentions of researching atom splitting and nuclear chain reactions?

2. **Perspective:** Read the letter from Albert Einstein to President Roosevelt found on the website. What were Einstein's thoughts about the scientific research being done? Explain.

3. **Gather Information:** Briefly summarize the key points in the development of the Manhattan Project. Be sure to include some information from each heading in the article.

4. **Gather Information:** What challenges were faced during the operation and testing phase of the project? (Briefly refer to a couple of details).

5. **Comparison:** Compare the bombings of Nagasaki and Hiroshima in terms of the destruction and immediate consequences.

Nagasaki (Fat Man)	Hiroshima (Little Boy)

6. **Cause and Consequence / Significance:** What is the legacy of the Manhattan Project? Include negative and positive consequences. *(Note: Do an internet search to research some of these).*

Consequences of the Manhattan Project	
Negative consequences:	Positive consequences:
<p>Do you think the innovations of the Manhattan Project had a primarily positive or negative influence on quality of life? Provide two arguments to support your position:</p>	