

Uranium Mining and the Trinity Test

OBJECTIVES

1. Discuss how/why the Truman administration increased the amount of Uranium mining
2. Discuss the complications both political and public health related that came with increased mining
3. Discuss basic understanding of the Trinity Test and why it was significant
4. Discuss the impact the Trinity Test had on the surrounding community

DISCUSSION QUESTIONS

1. Do you think Uranium mining for weapons testing and development should be government owned and mandated or privately owned and mandated? Why?
2. What about for uses such as nuclear energy, should Uranium mining be federally or privately owned?
3. Who should be responsible for the health impacts miners will face?
4. How should the government assist those who have been impacted by nuclear testing near their community?

ACTIVITIES

Activity 1: Watch this video as an introduction to the Trinity Test -

https://www.youtube.com/watch?v=_7fKlk441dQ

Activity 2: Watch: <https://www.youtube.com/watch?v=w4q1fG1vh5I> STOP at 6min Activity 3: Go to: <https://nuclearsecrecy.com/nukemap/classic/#>

For #1 select your city and for #2 select the “Fat Man - Nagasaki and Trinity Test” from the presets for yeild, click detonate and analyze results with students Activity 4: Impacts of Uranium mining for the Navajo nation, Watch:

<https://www.youtube.com/watch?v=wSEADfWh9To>

OTHER RESOURCES

<https://www.newyorker.com/tech/elements/nagasaki-the-last-bomb>

<https://www.csis.org/analysis/governing-uranium-united-states>

<https://www.businessinsider.com/albert-einstein-wrote-letter-us-roosevelt-atomic-bomb-2019-8>

<https://www.atomicheritage.org/history/trinity-test-1945>