



## UNIT 3

### THE NUCLEAR QUESTION ???

NAME - \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

EXTRA CREDIT \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

Message to the Instructor: \_\_\_\_\_

Points for research – 250

.4 X \_\_\_\_\_ = YOUR SCORE \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

15. \_\_\_\_\_

Points for product - 60  $1.6 \times \underline{\quad} = \underline{\quad}$

Total points - 410

16.        Essay Grade

- Last Day for Angel Research 1 - 11-
- Last Day for Research 1-11 -
- Discussion on Nuclear Proliferation –
- Discussion on Nuclear Energy -
- Film and Questions -
- Last Day for 12 – 14 -
- Last day for 15 - 16
- Debate on Water – 15 -
- Essay on the Water – 16 -

 **UNIT OBJECTIVES:** The student will be able to:

-  Understand the pros and cons of nuclear energy
-  Define the basic vocabulary to discuss nuclear energy and nuclear weaponry
-  Support a point of view about nuclear energy
-  Discuss and support a point of view about nuclear weapons as part of a foreign policy for a nation
-  Explain the major nuclear weapons treaties in US policy
-  Research information about the subjects
-  Record data in a logical methodology to utilize in a discussion or essay
-  Develop and support an opinion utilizing factual information
-  Create a portfolio of information on the subject

 **UNIT ASSIGNMENTS:**

1. **READ:** Read two articles on the Internet about the Japanese nuclear disaster (written after May). Outline the major points in the articles.

Cite the sources. Each article outline should be two pages in length. 40 pts.

2. **SELECT AN IMAGE:** Find and copy an image that supports your feelings about nuclear proliferation and/or nuclear weapons. Below or beside the image describe in three or four sentences what about the image speaks to you and your point of view. Cite the source. 20 pts.
3. **READ:** Turn to the chapter in your text on nuclear energy and read it. While or after you have read it create a topical outline about the material you read. The outline should be two to three pages in length. 30 pts.
4. **VIDEO:** Find a video on nuclear energy and its use to provide energy. It can be technical on how it works or how it produces electricity for a country, or why it is good or bad for a country to utilize nuclear energy. The video needs to be at least 10 minutes long. Cite your source. When you have finished write a paragraph summary of the message and list five important points that you learned. 20 pts.
5. **TIMELINE:** Create a timeline on ten important events in nuclear energy OR nuclear weaponry. The timeline needs to follow all rules of a timeline. You may find the information anywhere you choose. Cite your source. 20 pts.
6. **VIDEO:** Watch the video *Radio Bikini* in class. After the video is over take notes on the lecture following and answer the questions about the video. The questions are located on the website. 20 pts.
7. **CHARTS AND GRAPHS:** Collect 10 charts or graphs about nuclear energy usage OR nuclear weapons and their spread. You may use any source but it must be cited. 20 pts.
8. **NOTES:** Take notes on the lecture about nuclear proliferation and nuclear treaties. 20 pts.
9. **MAP:** Find a map that shows nuclear weapons proliferation in the world OR nuclear energy plants around the world OR nuclear materials and weapons in the US OR nuclear weapons and materials in the US. Copy the map and cite your sources. 10 pts.

**10.NOTES:** Take notes about how a nuclear bomb is created and how nuclear energy is produced. A possible guest lecture on fission and fusion explosions. 20 pts.

**11.COLLAGE:** Create a collage on one of the following topics: nuclear weapons, nuclear energy good or bad, nuclear accidents, nuclear proliferation, nuclear weapons solution or disaster. The collage must have ten words and images. It can be done by cutting and pasting electronically or physically or on photo shop. (If you copy pictures and then physically cut them out please put all the electronic images on one sheet of paper.) You do not have to cite your sources. 30 pts.

**EXTRA CREDIT:**

Select an item off of the Topics for Projects list found on the web and do one that you will choose. Point value is on the sheet.