Nuclear Power and Energy Exploration

Go to the website: https://whatisnuclear.com/

- 1. Explore this website and read about nuclear energy and nuclear power. (Note: Several sections have a "Click here" for more information.): Here are some examples of sections you can search for and read.
 - a. What is nuclear energy?
 - b. Nuclear Energy Today
 - c. Fission and Fusion
 - d. Energy density of various fuel sources

2. Using information from the sections listed above, write ten interesting facts you read about nuclear energy.

3. Read about the capabilities of nuclear power and write at least six reasons why nuclear power might be a good idea.

4, Read the section entitled "Problems with Nuclear Power" and write at least three specific problems of using nuclear power.

5. Go to the nuclear reactor page (the link is given at the bottom of the page). Read about how nuclear reactors work and watch the animated reactor system (You do NOT need to read about the various types of reactors unless you want to.). Make a list of the components of a nuclear reactor and what each component does.

6. There are several other sections: Nuclear Waste, Radiation, Radioactive dose, Thorium, etc. Choose two sections that interest you most. Read the sections and complete the table below.

Section Title #1:	Section Title #2:
Interesting facts or concepts from the reading:	Interesting facts or concepts from the reading:

7. After reading and learning about nuclear energy and power, what did you find MOST interesting?