# Assignment Summary

In this assignment, you will use reference materials and Internet sites to research and evaluate claims about the pros and cons of using fission as an energy source. To gather this information, suggested references are listed at the end of this document. You will also assess the validity and reliability of these claims to determine whether or not you support the use of fission. You will then present your findings as well as your opinion in a multimedia presentation, which should include a title slide, a number of content slides that include specific information about fission, and a works cited slide.

# Assignment Instructions

**Step 1: Gather materials and necessary information.**

1. You will collect information about using fission as a source of energy, including:

* A detailed list of the pros of using fission
* A detailed list of the cons of using fission
  + In this list, you MUST include information regarding damage to living tissue. Be sure to explain *why* nuclear energy can cause damage to living tissue. Include at least one example to support the information you provide.

1. Be sure to keep a list of your references so you can cite them properly later.
2. Ask your teacher where you should save your presentation as you work on it. Your teacher may also have specific guidelines about the file name you should use.

**Step 2: Create your title slide.**

1. Begin by creating the title slide. On this slide, include a relevant title for your presentation in large font, an appropriate image that relates to the subject matter, your name, your teacher’s name, and the due date of the presentation.
2. Remember to save your work as you go.

**Step 3: Create your content slides.**

1. On these slides, present the pros and the cons of using fission, including details about each one. Information regarding damage to living tissue must be included. Also include slides that state whether or not you support the use of fission, and an explanation of your stance on the issue.

**Step 4: Cite your sources.**

1. Create a slide titled “Works Cited.”
2. On this slide, create a list of the resources you used to complete your research. A simple list of website titles and addresses (URLs) is acceptable. If you used print sources, list the title, author, publisher, city, and date of publication.

**Step 5: Evaluate your presentation.**

If you can check each criterion below, you are ready to submit your presentation.

* Does your presentation include a title slide with a relevant title in large font, an image that relates to the subject matter, your name, your teacher’s name, and the due date of the presentation?
* Does your presentation include a list of the pros of using fission, including details about each one?
* Does your presentation include a list of the cons of using fission, including details about each one?
* Does your presentation include information regarding damage to living tissue caused by nuclear radiation?
* Does your presentation include your opinion about using fission and an explanation of why you have decided to take this stance?

**Step 6: Revise and submit your presentation.**

1. If you were unable to check off all the requirements on the checklist, revise your presentation and save it before submitting.
2. When you have completed your presentation, return to the virtual classroom and use the “Browse for file” option to locate and submit your assignment. Congratulations! You have created a multimedia presentation.
3. Ask your teacher for further instructions about giving your presentation to an audience of your peers.

# Resources

**General Information**

[**http://www.nrc.gov/**](http://www.nrc.gov/)

[**http://www.nei.org/**](http://www.nei.org/)

[**http://www.ready.gov/nuclear-power-plants**](http://www.ready.gov/nuclear-power-plants)

[**http://www.epa.gov/radiation/understanding-radiation-overview.html**](http://www.epa.gov/radiation/understanding-radiation-overview.html)

[**http://alsos.wlu.edu/default.aspx**](http://alsos.wlu.edu/default.aspx)

[**http://www.iaea.org/**](http://www.iaea.org/)

**Building Nuclear Plants**

[**http://www.nukebusters.org/**](http://www.nukebusters.org/)

[**http://www.nucleartourist.com/**](http://www.nucleartourist.com/)

[**http://science.howstuffworks.com/nuclear-power.htm**](http://science.howstuffworks.com/nuclear-power.htm)

[**http://www.anl.gov/energy/nuclear-energy**](http://www.anl.gov/energy/nuclear-energy)

[**http://www.ted.com/talks/bill\_gates**](http://www.ted.com/talks/bill_gates)