# Assignment Summary

In this assignment, you will use reference materials and Internet sites to research and describe the discovery of the four fundamental forces. You will use a variety of print and digital sources to gather this information, and present your findings in a research paper, which should include an introduction, at least one page per force describing the discovery of the force and related facts, a conclusion, and a works cited page.

# Assignment Instructions

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

1. You will research the discovery of the four fundamental forces, including:
   * The time period and scientist(s) involved in the discovery of each force
   * Additional scientific findings that supported or clarified each original discovery
   * Any controversy surrounding the discovery of each force
   * Current applications of each force
2. Be sure to keep a list of your references so you can cite them properly later.
3. Ask your teacher where you should save your paper as you work on it. Your teacher may also have specific guidelines about the file name you should use.

**Step 2: Develop your research paper.**

1. You research paper should include:
   * Your name, your teacher’s name, and the due date
   * A title
   * An introduction
   * At least one page per force describing the discovery of the force and related facts
   * A conclusion
2. Remember to save your work as you go.

**Step 3: Cite your sources.**

1. Create a page titled **Works Cited**.
2. On this page, 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.

**Step 4: Evaluate your paper using this checklist.**

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

* Does your paper include your name, your teacher’s name, and the due date?
* Does your paper include a title?
* Does your paper include an introductory paragraph?
  + Does your paper include at least one page per force describing the discovery of the force and related facts, including:
  + The time period and scientist(s) involved in the discovery of each force
  + Additional scientific findings that supported or clarified each original discovery
  + Any controversy surrounding the discovery of each force
  + Current applications of each force
* Does your paper include a concluding paragraph?
* Does your paper include of list of works cited?

**Step 5: Revise and submit your paper.**

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