

## Learning Outcome B6 Cancer Project

### Background Information

*Cancer is a term used for diseases in which abnormal cells divide without control and are able to invade other tissues. Cancer cells can spread to other parts of the body through the blood and lymph systems.* (National Cancer Institute, [www.cancer.gov](http://www.cancer.gov))

1. Choose one type of cancer to focus on for this project.  
Cancer types can be grouped into broader categories. The main categories of cancer include:
  - a. Carcinoma - cancer that begins in the skin or in tissues that line or cover internal organs. There are a number of subtypes of carcinoma, including adenocarcinoma, basal cell carcinoma, squamous cell carcinoma, and transitional cell carcinoma.
  - b. Sarcoma - cancer that begins in bone, cartilage, fat, muscle, blood vessels, or other connective or supportive tissue.
  - c. Leukemia - cancer that starts in blood-forming tissue such as the bone marrow and causes large numbers of abnormal blood cells to be produced and enter the blood.
  - d. Lymphoma and myeloma - cancers that begin in the cells of the immune system.
  - e. Central nervous system cancers - cancers that begin in the tissues of the brain and spinal cord.(National Cancer Institute, [www.cancer.gov](http://www.cancer.gov))
2. Which body region does this type of cancer impact?
3. How likely is it to occur? If possible look at stats for Canada.
4. Examine any link between age and sex and the development of this type of cancer.
5. What are the contributing factors to the development of this type of cancer? You should discuss both biological and environmental factors.
6. What type of treatment is available?
7. Examine mortality and remission rates?
8. Describe the process of metastasis?
9. Make sure to reference all websites used, using APA style