Cancer Research Project

Due date:

This project focuses on what happens when cells do not function correctly. Many people are affected by cancer; you may even have some family members or friends that have or have had cancer. I suggest that you choose a cancer that affects someone you know or intrigues you because it is interesting. The goal is to research the cancer and present information and recent research through an informational brochure. Be creative and use color and visuals.

Directions: You may work with one partner or individually. To create your brochure, use the Cancer Brochure Template linked here. <https://goo.gl/dQDajS> Be sure to save a copy of it to your drive and rename it. Share it with your partner. You must include all of the requirements listed on the back of this page.

Printing: When making print selections, click File, Print, and choose the color print release printer. Then click “Print using system dialogue,” click “Preferences,” so that you can select “Print on both sides” and click the button for “short edge.” This will ensure that your brochure is printed on one sheet of paper and will not be upside down. Then fold it in thirds along the lines with the front cover on top.

**Point value: 20 points**

Partner Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cancer Type:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This list of common cancer types includes cancers that are diagnosed with the greatest frequency in the United States, excluding non-melanoma skin cancers. You may choose from this list, but you do not have to. One good resource to use for more information is *www.cancer.gov*

* [Bladder Cancer](http://www.cancer.gov/cancertopics/types/bladder)
* [Breast Cancer](http://www.cancer.gov/cancertopics/types/breast)
* [Colon and Rectal Cancer](http://www.cancer.gov/cancertopics/types/colon-and-rectal)
* [Endometrial Cancer](http://www.cancer.gov/cancertopics/types/endometrial)
* [Kidney (Renal Cell) Cancer](http://www.cancer.gov/cancertopics/types/kidney)
* [Leukemia](http://www.cancer.gov/cancertopics/types/leukemia) (multiple types – choose one)
* [Lung Cancer](http://www.cancer.gov/cancertopics/types/lung)
* [Melanoma](http://www.cancer.gov/cancertopics/types/melanoma)
* [Non-Hodgkin Lymphoma](http://www.cancer.gov/cancertopics/types/non-hodgkin)
* [Pancreatic Cancer](http://www.cancer.gov/cancertopics/types/pancreatic)
* [Prostate Cancer](http://www.cancer.gov/cancertopics/types/prostate)
* [Thyroid Cancer](http://www.cancer.gov/cancertopics/types/thyroid)

**Cancer Brochure Grading Rubric**

Cancer Type:

Name(s):

|  |  |  |  |
| --- | --- | --- | --- |
| Brochure Requirements | Earned Points | Possible Points | Comments |
| FRONT COVER (column 1 on template)* Name the cancer and include a visual aid
* Your name(s) and class period
 |  | 1 |  |
| Description of the cancer (column 3 on template)* What happens to the cells?
* What part of the body does it generally affect?
* What gene(s)/chromosomes is/are mutated? (If any)
 |  | 3 |  |
| Symptoms (column 3 on template)* List all of the possible effects on the body
 |  | 2 |  |
| Diagnosing the cancer (column 4 on template)* What tests are done?
* Are scans done with MRI, CAT scan, PET scan, X-ray, or ultrasound machines?
 |  | 2 |  |
| Possible causes (column 4 on template)* Discuss environmental or health factors that can cause the cancer?
* Can the cancer be inherited?
 |  | 2 |  |
| Prevention (column 5 on template)* What can be done to prevent getting this cancer?
 |  | 1 |  |
| Treatment (column 5 on template)* Medications? Surgery?
* Chemotherapy? Radiation?
* Nutrition? Lifestyle choices?
 |  | 3 |  |
| Incidence and Prevalence (column 2 on template)* Risk of developing it? How widespread is it? (give stats) Is it more/less common in certain groups of people?
* Where in the world is this cancer most prevalent?
 |  | 2 |  |
| Support Groups & Sources for Further Information (column 6)* List websites and/or phone numbers where people can get further information
* Support groups, fundraising groups, innovative research/treatment centers
 |  | 1 |  |
| Sources (column 6)* List of reliable websites referenced
 |  | 1 |  |
| Organization / Formatting* Include at least 1 visual aid for each section (add captions as necessary)
* Label and organize each section
* Use neat and visually appealing fonts / sizes
* Check spelling, grammar, no typos
 |  | 2 |  |
| **Total Points Earned** |  | **20** |  |