Cancer Research Project – Component Checklist

Mrs. Peppers, Wake Early College of Health and Sciences

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| **1250-1500 word paper**  **(including MLA citations)** | Overview of cancer category   * *Description of disease* * *List types of cancer that occur, introduce those being studied in detail* * *Scope of disease (number of people affected/unit of time)* * *MLA citations for sources general cancer information* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Specific cancer information   * *Cell type/location of cancer; meaning of name* * *Signs/symptoms of cancer* * *Incidence of disease (number of people affected/place/time)* * *Prognosis of cancer (5 year survival rate)* * *MLA citations for cancer specific information* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Graphs and Figures (2)   * *Graphic representations of cancer generated from student manipulation of data using teacher provided sites.* * *Students written caption explaining trends observed in graphics* * *MLA citation(s) for source of graphs and figures* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Screening, Diagnosis, and Treatment   * *Review and summarize the screening process for early detection* * *Review and summarize the diagnostic process. (How do doctors know if individuals have this type of cancer?)* * *Review and summarize current standard of care and treatment for specific (or general) cancer.* * *MLA citations for cancer specific screening, diagnosis, and treatment* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Risk factors and Prevention   * *Description of risk factors implicated in developing this cancer* * *Dietary or lifestyle factors that could minimize cancer risk* * *Inheritance/common gene mutations associated with this cancer* * *MLA citations for specific cancer risk factors and prevention* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Current Research   * *Summary of current cancer research which is (or could) impact the specific cancer.* * *MLA citations for current cancer research* | Checklist  \_\_\_\_    \_\_\_\_ |

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| **Poster Session** | Poster:   * Introductory overview * Risk factors * Key facts/statistics * Informative graphics * Current research | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| UNIQUE creative work product conveying a message of prevention or awareness, including 4 color illustration and 2-3 paragraph explanation. |  |

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| **Classroom Instruction** | Group members participate equally. |  |
| * Information on cancer type is conveyed using group’s choice of instructional approach and materials. * Class independent practice/processing/check for understanding |  |
| Instructional activities should take a minimum of 15 minutes; maximum of 20 minutes. |  |

Helpful websites include:

**National Institutes of Health, National Cancer Institute: common cancers,** [**http://www.cancer.gov/types/common-cancers**](http://www.cancer.gov/types/common-cancers)

**National Institutes of Health, National Cancer Institute: A to Z list,** [**http://www.cancer.gov/types**](http://www.cancer.gov/types)

**National Institutes of Health, Senior Health, Cancer,** [**http://nihseniorhealth.gov/category/cancer.html**](http://nihseniorhealth.gov/category/cancer.html)

**American Cancer Society:** [**http://www.cancer.org/cancer/showallcancertypes/index**](http://www.cancer.org/cancer/showallcancertypes/index)

**American Society of Clinical Oncology:** [**http://www.cancer.net/cancer-types**](http://www.cancer.net/cancer-types)

**Web MD Cancer:** [**http://www.webmd.com/cancer/**](http://www.webmd.com/cancer/)

**Cancer Research UK:** [**http://www.cancerresearchuk.org/cancer-help/type/**](http://www.cancerresearchuk.org/cancer-help/type/)

**UNC Lineberger Comprehensive Cancer Center** [**http://www.nccancerhospital.org/lineberger/treatment/#H**](http://www.nccancerhospital.org/lineberger/treatment/#H)

**The James Comprehensive Cancer Center (Ohio State University):** [**http://cancer.osu.edu/patientsandvisitors/cancerinfo/cancertypes/pages/index.aspx**](http://cancer.osu.edu/patientsandvisitors/cancerinfo/cancertypes/pages/index.aspx)

**MD Anderson Cancer Center (University of Texas)** [**http://cancer.osu.edu/patientsandvisitors/cancerinfo/cancertypes/pages/index.aspx**](http://cancer.osu.edu/patientsandvisitors/cancerinfo/cancertypes/pages/index.aspx)

**Oncolink (Penn Medicine)** [**http://www.oncolink.org/types/**](http://www.oncolink.org/types/)

**MacMillan Cancer Support (UK)** [**http://www.macmillan.org.uk/Cancerinformation/Cancertypes/AtoZ.aspx**](http://www.macmillan.org.uk/Cancerinformation/Cancertypes/AtoZ.aspx)

**New York Health Department** [**http://www.health.ny.gov/statistics/cancer/registry/abouts/**](http://www.health.ny.gov/statistics/cancer/registry/abouts/)

**The Sidney Kimmel Comprehensive Cancer Center (Johns Hopkins University)**

[**http://www.hopkinsmedicine.org/kimmel\_cancer\_center/types\_cancer/**](http://www.hopkinsmedicine.org/kimmel_cancer_center/types_cancer/)

**British Columbia Cancer Agency (Canada)** [**http://www.bccancer.bc.ca/PPI/TypesofCancer/default.htm**](http://www.bccancer.bc.ca/PPI/TypesofCancer/default.htm)

**Dana Farber Cancer Institute (Harvard)** [**http://www.dana-farber.org/**](http://www.dana-farber.org/)

**U.S. Library of Medicine, MedlinePlus, Cancer:** [**https://www.nlm.nih.gov/medlineplus/cancer.html**](https://www.nlm.nih.gov/medlineplus/cancer.html)

**Brigham and Women’s Cancer Center** [**http://www.brighamandwomens.org/bwhcancer/default.aspx**](http://www.brighamandwomens.org/bwhcancer/default.aspx)