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
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|  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)