Cancer Research Project – Grading Rubric

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| **Weebly Site** | Overview of broad cancer type   * *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)* * *Links to sources used to create summary* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Specific cancer information   * *Cell type/location of cancer; meaning of name* * *Signs/symptoms of cancer* * *Inheritance/common gene mutations* * *Links to unique sources/person used to create summary* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Graphs and figures (2 per person)   * *Illustrations of cancer incidence, 5 year survival, or mortality* * *Detailed graphic examining gender, population, or geographic effects* * *Explanation of trends observed in graphics and resulting question(s)* * *Links to graphic creation site, or source* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| Screening Tests: *What tests are available to look for early signs of disease?*   * *Review and summarize the screening process* * *Links to unique sources/person used to create summary* | Checklist  \_\_\_\_  \_\_\_\_ |
| Treatment   * *Review and summarize current standard of care and treatment for specific (or general) cancer* * *Identify specific chemotherapeutic drug used* * *Links to unique sources/person used to create summary* | Checklist  \_\_\_\_    \_\_\_\_  \_\_\_\_ |
| Clinical trials   * *Description of two unique clinical trials, including location/institution, reimbursement, medical care, drug being tested, and enrollment criteria.* * *Opinion* ***on clinical trials:*** *If you had this form of cancer, would you participate in either (both or none) of the clinical trials you researched? Why or why not? - signed with your first name only or your initials.* * *Links to each clinical trial* | Checklist  \_\_\_\_    \_\_\_\_  \_\_\_\_ |
| Diagnostic Tests: *How* *do doctors know if individuals have this type of cancer?*   * *Review and summarize the diagnostic process* * *Links to unique sources/person used to create summary* | 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* * *Links to unique sources/person used to create summary* | Checklist  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |
| *Non-profit research or support organization reviews*   * *2 non-profit organizations to support specific or general cancer type, or cause.* * *Description of organization mission* * *% of funds spent on administration vs research* * *Quality of organization (Better Business Bureau Wise Giving Alliance, Charity Watch, or Charity Navigator)* * *Links to considered organizations* * *Review of charities evaluated with rationale.* * *Proposed fundraising activity* | Checklist  \_\_\_\_    \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_  \_\_\_\_ |

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| **Poster** | Clear message (prevention or awareness), with unique slogan, and graphics/facts that inform the audience. (classwork and lab/quiz grade) |  |
| Looking into Wake Med/Wake Tech display site….more to information to come. | fyi |

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| **Website Presentation** | Overview of the general cancer type, with commonalities between the types researched being emphasized. |  |
| Description of cancer organization your group wants to support, and outline of proposed fundraising activity. |  |
| Oral presentation is clear, informative, and professional. Group members participate equally. Presentation lasts 3-5 minutes. |  |

Helpful websites include:

**Types of Cancer:** [**http://www.cancer.gov/cancertopics/types/commoncancers**](http://www.cancer.gov/cancertopics/types/commoncancers)

**A to Z list of Cancers:** [**http://www.cancer.gov/cancertopics/types/alphalist**](http://www.cancer.gov/cancertopics/types/alphalist)

**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 Treatment Centers of America:** [**http://www.cancercenter.com/cancer/**](http://www.cancercenter.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/)

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