Cancer Research Poster Project

This unit 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 orally present information and recent research through a poster. The poster should be an advertisement for a current treatment or way to avoid getting that cancer (i.e., not smoking). Be creative and use color and artwork.

**Cancer Poster Grading Rubric**

|  |  |  |  |
| --- | --- | --- | --- |
| Presentation Requirements | Earned Points | Possible Points | Comments |
| Introduction* Name the cancer
* Introduce team members
 |  | 5 |  |
| Definition of the cancer * What happens to the cells?
* What part of the body does it generally affect?
 |  | 5 |  |
| Description of the symptoms* List all of the possible effects on the body
 |  | 5 |  |
| Possible causes of the cancer* Are there environmental or health factors that can cause the cancer?
* Can the cancer be inherited?
 |  | 5 |  |
| Prevention* What can be done to prevent getting this cancer?
 |  | 5 |  |
| How the cancer is treated* Medications? Surgery?
* Chemotherapy? Radiation?
* Nutrition? Lifestyle choices?
 |  | 5 |  |
| How the cancer is diagnosed* What tests are done?
* Are scans done with MRI, CAT scan, PET scan, X-ray, or ultrasound machines?
 |  | 5 |  |
| How many and what type of people are likely to have the disorder* Is it more common in a certain group of people?
* How common is it?
 |  | 5 |  |
| Application of research article* What new information did you learn from your research?
 |  | 5 |  |
|  |  |  |  |
| **Total Points Earned** |  | **45** |  |

Cancer Poster Research Sheet

Research Site #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Presentation Requirements | Research |
| Definition of the cancer * What happens to the cells?
* What part of the body does it generally affect?
 |  |
| Description of the symptoms* List all of the possible effects on the body
 |  |
| Possible causes of the cancer* Are there environmental or health factors that can cause the cancer?
* Can the cancer be inherited?
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| Prevention* What can be done to prevent getting this cancer?
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| How the cancer is treated* Medications? Surgery?
* Chemotherapy? Radiation?
* Nutrition? Lifestyle choices?
 |  |
| How the cancer is diagnosed* What tests are done?
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 |  |
| How many and what type of people are likely to have the disorder* Is it more common in a certain group of people?
* How common is it?
 |  |

Cancer Poster Research Sheet

Research Site #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Presentation Requirements | Research |
| Definition of the cancer * What happens to the cells?
* What part of the body does it generally affect?
 |  |
| Description of the symptoms* List all of the possible effects on the body
 |  |
| Possible causes of the cancer* Are there environmental or health factors that can cause the cancer?
* Can the cancer be inherited?
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| Prevention* What can be done to prevent getting this cancer?
 |  |
| How the cancer is treated* Medications? Surgery?
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 |  |
| How the cancer is diagnosed* What tests are done?
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 |  |

**Cancer Poster Checklist**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cancer Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
|  | Poster Highlights |
|  | **Title**: Project Title (persuasive & creative), team members (smaller font) |
|  | **Definition**: What happens to the cells; part of body affected |
|  | **Symptoms**: List of all effects on body |
|  | **Causes**: Are there environmental or health factors that can be causes?Can the cancer be inherited? *(Your illustration could focus on just 1 cause)* |
|  | **Prevention: What can be done to prevent getting this cancer?** |
|  | **Treatments**: Medications? Surgery? Chemotherapy? Radiation?Nutrition? Lifestyle choices? *(Your illustration could also focus on 1 or more of these)* |
|  | **Diagnosis**: What tests are done? Are scans done with MRI, CAT scan, PET scan, X-ray, or ultrasound machines? |
|  | **Frequency in Population**: More common in a certain group; how common is it? |
|  | **Article**: new information found from research |

Presenters Name: \_\_\_\_\_\_\_\_\_\_\_ Cancer: \_\_\_\_\_\_\_\_ Grader’s Name: \_\_\_\_\_\_\_\_

**Cancer Poster Peer Review**

|  |  |  |  |
| --- | --- | --- | --- |
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| Application of research article* What new information did you learn from your research?
 |  | 5 |  |
|  |  |  |  |
| **Total Points Earned** |  | **45** |  |

What did you like about their presentation?

What could this person improve on?