**Chromosomal Abnormality Presentation Guidelines**

Use the following list as your format for designing your powerpoint. You need to address each question IN ORDER and create 1 slide on each. Do not be wordy and DO NOT copy and paste. I will EASILY know if the words are not your own. Use pictures, backgrounds, appropriate sounds and video clips.

1. Title slide with title, name, class period and a catchy photo.
2. Introduce your disorder with a brief overview.
3. How common is this disorder? Does it occur in certain races, populations, countries?
4. What chromosome is damaged and how so? Show a karyotype if you can and explain it.
5. What is the cause of this disorder, is it inherited, due to mothers age etc…?
6. Symptoms - Discuss physical, mental and social development of people with this disorder.
7. Treatment or management - What can sufferers and family members do? Is gene therapy an option.
8. Quality of life and life expectancy, LOOK UP STATISTICS.
9. Works cited in MLA format.

You will be doing research in class on Wednesday or Thursday (3/19 or 3/20). Any other work needs to be done outside of class. You will work with your lab partner and split the presentation evenly. Divide these as you see fit, your grade on the slides will be the same regardless of how you divide the work so make it fair. Practice your presentation as you will be showing your presentation to the class as a team. Be thorough, creative and well prepared!

You will be presenting the last day of class before spring break (3/27 or 3/28). You may take your presentation on a flash drive to work on at home or utilize a website such as Google drive or Prezi which will save your presentations and allow you to modify them from home as well as school. As long as you are able to present all the information in an interesting way and in the allotted time it doesn’t matter what kind of presentation software you use. (the software must work with the computer in the classroom).

All pictures and videos must be have a citation present where they are embedded. Citations for other information should appear on a ninth slide at the end of your presentation.

Your presentation will be graded on clarity when speaking, expertise on your topic and timing. Your presentation must be 5 minutes or less! Presentation grades will be done individually so make sure you divide the 5 minutes of presenting evenly between you and your partner. Videos will be part of your time limit. So if you include one, make sure it is informative, necessary and brief. Any group not ready to present when they are called upon the day we are presenting will receive a ZERO for the project!

**Chromosomal Abnormalities Presentation Scoresheet** otal Score \_\_\_\_\_\_/100

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

Slide 1: Title, names, class period, catchy photo

\_\_\_\_\_ 5pts

Slide 2: Brief Overview

\_\_\_\_\_10pts

Slide 3: Common, where it occurs

\_\_\_\_\_10pts

Slide 4: Chromosome location, Karyotype

\_\_\_\_\_10pts

Slide 5: Cause of the disorder

\_\_\_\_\_10pts

Slide 6: Symptoms - Mental, Physical

\_\_\_\_\_10pts

Slide 7: Treatment

\_\_\_\_\_10pts

Slide 8: Quality of life, life expectancy

\_\_\_\_\_10pts

Slide 9: Sources for information (in proper format)

\_\_\_\_\_ 5pts

Overall attention to detail (neatness, design, cohesiveness)

\_\_\_\_\_ 5pts

Timing

\_\_\_\_\_ 5pts

Individual presentation grade (clarity, expertise, contribution)

\_\_\_\_\_10pts

**Chromosomal Abnormalities Presentation Rubric**

Slide 1: Title, names, class period, catchy photo

|  |  |  |
| --- | --- | --- |
| Not complete (1) | complete but unorganized (3) | Complete and organized (5) |

Slide 2-8:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Information is incomplete. (2) | Information given is somewhat complete and there is no relevant or interesting background shown. (4) | Most of the information is presented and/or there are major formatting errors and photos and backgrounds are inappropriate (6) | All information is present but may have minor formatting errors or photos may seem random or uninteresting.  (8) | All information is present, clear and well organized. Photos are included and relevant to the information on the slide. (10) |

Slide 9 Sources for Information

|  |  |  |
| --- | --- | --- |
| partially present and not properly cited (1) | Complete on this slide but not with pictures on other slides or not properly cited. (3) | Complete,organized and properly formatted on this page and with each picture on other slides. (5) |

Overall attention to detail

|  |  |  |
| --- | --- | --- |
| Presentation is sloppy and uninteresting. (1) | Presentation may be organized, interesting and neat but is not all three. (3) | Presentation is well designed, visually interesting and organized. It is clear that care has been taken to properly organize overall look and feel of the presentation. (5) |

Individual presentation grade (clarity, expertise, contribution)

|  |  |  |
| --- | --- | --- |
| Individuals presentation shows a complete lack of understanding the topic. The contribution is far from equal between partners. (2) | Individuals presentation is unclear or does not show understanding of the topic. The presentation does not seem to have been properly rehearsed. (5) | Individual is able to concisely articulate a clear understanding of their topic and shares presentation responsibilities equally with their partner. (10) |