

Genetic Disorders Research Project

I. Who. Each individual student in Biology.

II. What. Students will select a genetic disorder effecting humans, or some other genetic characteristic or topic on which to report. A list of approved topics with connected internet links can be found at the URL below. Any topic other than one on this list needs approval of the instructor. Be sure to copy and paste all URL's used into your bibliography.

Usd339.net → High School → Faculty → O'Neill, Jay → 'Genetic Disorders'

III. Where. Some class time will be dedicated to research, so students should be able to accomplish most of the electronic research during this time. Some research time will need to be done outside of class, and most of the organizing and visual aids will need to be done outside of class time.

IV. Sources. You must use at least two internet sources and one hard copy source such as a medical directory or encyclopedia. Please be sure to include an appropriate bibliography. It would be a good idea to copy and paste to a Word document all the sites you visit. You may not use all as a source, but at the end you could copy and paste the URL's that you actually use into your report bibliography.

V. When. Presentation of reports will be during Finals, Dec. 16, 17, or 20, but all should be completed to begin during class Thursday, December 16.

VI. Include: Each report will be given orally and shall last from two to five minutes. A printed outline or text shall accompany the oral report, and at least one visual aid shall be used. Please print an instructor copy of notes so I can follow along while you give the report. It need not be the same as what you use.

Be sure to include the phenotypic description of the disorder, causes of the disorder, and whether the disorder can be passed on to future generations. Include any information possible about the location of the gene/chromosome responsible for the disorder, number of people afflicted, and if there is an environmental link. You should also note any treatment or cure that is available to those effected.

Turn in any material used to make your presentation (outline or text, visual aid, etc.), and a documented list of all your sources (bibliography).

SUGGESTED BIBLIOGRAPHY GUIDE TO PREPARING BIBLIOGRAPHY / WORKS CITED

When doing research and writing a report, it is always necessary to name the source(s) of your information. This list of sources is called a **bibliography / works cited**. A bibliography should be listed alphabetically. The second line of an entry should be indented.

FOR A BOOK:

Author's last name, first name. Title of book. Place of publication: Publisher, copyright year.

example:

Fogle, Bruce. Training Your Dog. New York: DK Publishing, 2001.

If you only used part of a book:

Fogle, Bruce. Training Your Dog. New York: DK Publishing, 2001, pp. 50-55.

FOR AN ENCYCLOPEDIA ARTICLE THAT IS SIGNED:

Article author's last name, first name. "Title of article." Name of encyclopedia. Copyright year. Volume number, page(s).

example:

Clark, William W. "Gothic Art." World Book Encyclopedia. 2002. Volume 8, pp. 277-278.

FOR AN ENCYCLOPEDIA ARTICLE THAT ISN'T SIGNED:

"Title of article." Name of encyclopedia. Copyright year. Volume number, page(s).

example:

"Golden Retriever." World Book Encyclopedia. 1999. Volume 8, p.255.

FOR A MAGAZINE OR NEWSPAPER ARTICLE:

Article author's last name, first name. "Title or headline of article." Name of magazine or newspaper. Date of magazine or newspaper, page(s).

example:

McGill, Kristy. "A Baltic Scramble." Faces. May, 2003, p. 27.

FOR AN INTERNET ADDRESS:

Author's last name, first name. "Title of item." [Online] Available <http://address/filename>, date of document or download.

example:

DiStefano, Vince. "Guidelines for Better Writing." [Online] Available <http://www.usa.net/~vined/home/better-writing.html>, October 5, 2002.

This example of how to cite an INTERNET source was downloaded from this online source.

Name: _____

Genetics Disorders Oral Report

40 Points, Lab Score

Plagiarization will result in a score of 0 for the project.

_____ Finished on time (5)
Length of report

_____ Materials (5)
Printed outline or script
Visual aide

_____ Presentation (10)
Speaks clearly & distinctly
Follows logical pattern
Well prepared- knows what to say
Eye contact with audience
Uses visual aide
Few pauses or "uhhh"
Appropriate length

_____ Content (15)
Demonstrates genetic link
Shows cause of disorder
Cure/treatment, etc.
addresses frequency of occurrence
How inherited/likely to pass to children?
possible chromosome location

_____ Bibliography (5)
2 internet URL's
1 paper text source, or list 3 sources used but not found in
appropriate format

=====

_____ Total Score