

GENETIC DISORDER PADLET PROJECT

- You will prepare a Padlet on a genetic disorder that you are assigned . It will include the google slide show outlined below as well as two videos shared and a quizlet on your disorder. You will link the google slide show, the two videos , and the quizlet game. Requirements for the Google Slide Show are listed in the chart. The project is due on Friday November 17th at the end of class. You **MUST** have the links on your padlet page by the end of class Friday.

- Pictures are encouraged for each slide
- Don't be too wordy...get to the point **IN YOUR OWN WORDS!!!**

Google Slide show - 75 point

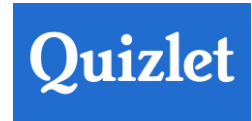
Video #1 linked - 10 points

Video #2 linked - 10 points

Quizlet (with at least 10 facts/terms about your disorder)- 10 points

Your Participation - 10 points

115 points total



Slide Presentation Requirements - 75 points

Slide 1 must contain 5 pts	*Title- name of disorder (Include both scientific & common names) *Your partner's names *Class period
Slide 2 must contain 10pts	Type/cause of disorder: *Is the disorder autosomal or sex-linked? *How is it inherited? -Is it a dominant trait, a recessive trait, a codominant trait, or incomplete dominance? -Is it due to an aneuploid condition, i.e., lack of chromosomes or extra chromosomes? *Has a gene been located that causes the disorder? -If so, what chromosome is it located on?
Slide 3 must contain** 10pts	Description of disorder: *Age of onset *Symptoms - physical and physiological *What does it do to the body? *Where is it found in the body? (muscle, specific cell, organ, blood, etc.)
Slide 4 must contain 10pts	Chromosome related picture of the disorder
Slide 5 Must contain 10 pts	Graphic of a pedigree chart of the disorder
Slide 6 must contain 10pts	Incidence of disorder: *How many people suffer from the disorder? *How many people are born with the disorder each year or per "x amount of births? *Does the disorder affect a specific population or people (or region) more so than another? *Does the disorder affect males or females more prevalently
Slide 7 must contain 10pts	Second chromosome or related graphic - BE CREATIVE!
Slide 8 must contain** 10pts.	Treatment/Cures of disorder: *Are there treatments for the condition? If so, what are they?

