Genetic Disorder Project

Points Available: 150

Due Date: a Monday in January 2017- TBD

Research Paper- 50 points

Brochure- 50 points

Power point with 2 minute presentation- 50 points

This way, you do the research once, but cover three different projects/assignments.

Disorders

1. Achondroplasia (dwarfism)Davis Hiland 21. Leukodystrophy (myelin degeneration) Landry W
2. Albinism (no melanin) katelyn gum 22. Lou Gehrg’s disease (ALS) Scott Peacock
3. Angelman syndrome (neurogenetic) 23. Marfan syndrome (heart/vessel development)
4. Autism (nervous system) Sydney Ellen 24. Moebius syndrome (facial/eye movement)
5. Canavan disease (neurological) 25. Noonan (congenital heart disorder)
6. Cerebral palsy (brain development) Sophia Jaramillo 26. Parkinsons (tremors) Phoebe Stewart
7. Coffin-Lowry (abnormal growth) 27. Patau (trisomy 13)
8. Cri du chat (cat’s cry)Sophia Smallman 28. Phenylketonuria (can’t digest amino acid)
9. Cystic fibrosis (mucous) Julia Son 29. Prader- Willi (intellectual disability)
10. Down syndrome (trisomy 21) Tucker Marcum 30. Progeria (age rapidly) Aleah Lowe
11. Duchenne (muscular dystrophy) 31. Proteus (overgrowth of bones)
12. Edward syndrome (trisomy 18) 32. Retinoblastoma (eye cancer)
13. Gardner syndrome (GI and skin tumors) 33. Sickle cell anemia (red blood cell shape)
14. Gaucher’s disease (metabolism/ fragile bones)Parker Henderson 34. Spina bifida (spinal cord development) Ava Y
15. Hemophilia (blood not clotting) Brian Son 35. Tay Sachs (destroys nerve cells)
16. Huntington’s disease (nerve degeneration) Easton Wallace 36. Thalassemia (oxygen carrying protein)
17. Hyperthyroidism (metabolism)bekah mcguire 37. Tourette syndrome (nervous system of repetition) Justice Hobbs
18. Jackson-Weiss (premature bone fusion) 38. Turner’s syndrome (only one X female)
19. Jacobsen syndrome (development) 39. Von Willebrand (clotting issue) Evan Hale
20. Klippel-Feil syndrome (bone disorder) 40. Xeroderma pigmentosum (sun sensitivity)

41. Celiac Disease ( cannot eat gluten) Jenny Peters