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)dahlen 21. Leukodystrophy (myelin degeneration)
2. Albinism (no melanin) Emma H 22. Lou Gehrg’s disease (ALS)Elijah
3. Angelman syndrome (neurogenetic) 23. Marfan syndrome (heart/vessel development)
4. Autism (nervous system) Amanda Ramsay 24. Moebius syndrome (facial/eye movement)
5. Canavan disease (neurological) anna grace 25. Noonan (congenital heart disorder)
6. Cerebral palsy (brain development) Austin Davis 26. Parkinsons (tremors) Dylan
7. Coffin-Lowry (abnormal growth) Abby Robertson 27. Patau (trisomy 13)
8. Cri du chat (cat’s cry) Anna Weis 28. Phenylketonuria (can’t digest amino acid)
9. Cystic fibrosis (mucous) Fant Smith 29. Prader- Willi (intellectual disability)Gracie Henry
10. Down syndrome (trisomy 21) Nathan Mullins 30. Progeria (age rapidly) Anna Yates
11. Duchenne (muscular dystrophy) 31. Proteus (overgrowth of bones)Rachel Qualls
12. Edward syndrome (trisomy 18) 32. Retinoblastoma (eye cancer)Melina Massengill
13. Gardner syndrome (GI and skin tumors) 33. Sickle cell anemia (red blood cell shape)
14. Gaucher’s disease (metabolism/ fragile bones) 34. Spina bifida (spinal cord development)Aliyah Weaver
15. Hemophilia (blood not clotting) Alec L 35. Tay Sachs (destroys nerve cells)
16. Huntington’s disease (nerve degeneration) 36. Thalassemia (oxygen carrying protein)
17. Hyperthyroidism (metabolism) Andres Zaragoza 37. Tourette syndrome (nervous system of repetition) Cooper
18. Jackson-Weiss (premature bone fusion) 38. Turner’s syndrome (only one X female)
19. Jacobsen syndrome (development) 39. Von Willebrand (clotting issue)
20. Klippel-Feil syndrome (bone disorder) 40. Xeroderma pigmentosum (sun sensitivity) jadyn