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) Molly Almon 21. Leukodystrophy (myelin degeneration)
2. Albinism (no melanin) Stevie Vaughn 22. Lou Gehrg’s disease (ALS) Brett Nordgauer
3. Angelman syndrome (neurogenetic) 23. Marfan syndrome (heart/vessel development)
4. Autism (nervous system)Jayli Mann 24. Moebius syndrome (facial/eye movement)
5. Canavan disease (neurological) Donovan Hall 25. Noonan (congenital heart disorder)
6. Cerebral palsy (brain development)Mattigan Jordan 26. Parkinsons (tremors) Ramez Alabed
7. Coffin-Lowry (abnormal growth) 27. Patau (trisomy 13)
8. Cri du chat (cat’s cry)Kenedi Chriske 28. Phenylketonuria (can’t digest amino acid)
9. Cystic fibrosis (mucous) katie pippin 29. Prader- Willi (intellectual disability)
10. Down syndrome (trisomy 21) Piper Taylor 30. Progeria (age rapidly) Sophia Kennan
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)LaMar
14. Gaucher’s disease (metabolism/ fragile bones) 34. Spina bifida (spinal cord development)
15. Hemophilia (blood not clotting) sofi jaimes 35. Tay Sachs (destroys nerve cells)
16. Huntington’s disease (nerve degeneration)Faith McCaghren 36. Thalassemia (oxygen carrying protein)
17. Hyperthyroidism (metabolism) Nick Gobich 7. Tourette syndrome (nervous system of repetition) Tucker
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) LAUREN ELLER