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) stephanie jones 21. Leukodystrophy (myelin degeneration)
2. Albinism (no melanin) Chandler McCook 22. Lou Gehrg’s disease (ALS)Emily Reed
3. Angelman syndrome (neurogenetic) 23. Marfan syndrome (heart/vessel development)
4. Autism (nervous system) Joshua badem 24. Moebius syndrome (facial/eye movement)eli callender
5. Canavan disease (neurological) Jayden Deaver 25. Noonan (congenital heart disorder)
6. Cerebral palsy (brain development)ellie stephens 26. Parkinsons (tremors)- Josh Griggs
7. Coffin-Lowry (abnormal growth) zane price 27. Patau (trisomy 13) Austin Ward
8. Cri du chat (cat’s cry) Rebecca Raynor 28. Phenylketonuria (can’t digest amino acid) Kurt Scott
9. Cystic fibrosis (mucous) Olivia guse 29. Prader- Willi (intellectual disability)Andy king
10. Down syndrome (trisomy 21) kennedy mcduffie 30. Progeria (age rapidly) Monet Kingdavong
11. Duchenne (muscular dystrophy) 31. Proteus (overgrowth of bones)Jordin Vaughn
12. Edward syndrome (trisomy 18) 32. Retinoblastoma (eye cancer) Tolu Onafowokan
13. Gardner syndrome (GI and skin tumors) 33. Sickle cell anemia (red blood cell shape) Sandra Mansour
14. Gaucher’s disease (metabolism/ fragile bones) 34. Spina bifida (spinal cord development) antonio
15. Hemophilia (blood not clotting) Miguel Beristain35. Tay Sachs (destroys nerve cells)
16. Huntington’s disease (nerve degeneration) Connor Haight 36. Thalassemia (oxygen carrying protein)
17. Hyperthyroidism (metabolism)anna burris 37. Tourette syndrome (nervous system repetition)Elise Jones
18. Jackson-Weiss (premature bone fusion) 38. Turner’s syndrome (only one X female) Tyler holman
19. Jacobsen syndrome (development) 39. Von Willebrand (clotting issue)
20. Klippel-Feil syndrome (bone disorder) Kendall Sprague 40. Xeroderma pigmentosum (sun sensitivity)