

## Bio science 10 vocab

1. DNA
2. Nucleotide
3. Nitrogenous base
4. Complementary bases
5. The function of DNA
6. Protein
7. Chromatin
8. Chromosome
9. Homologous chromosome
10. Gene
11. Allele

12. Karyotype

13. DNA replication

14. Species

15. Population

16. Genetics

17. Trait

18. First modern experiments in genetics

19. Mendel's experiments

20. The law of segregation

21. Dominant

22. Recessive

23. Phenotype

24. Genotype

25. Homozygous

26. Heterozygous

27. Punnett squares

28. Codominance

29. Sickle cell anemia and malaria

30. Incomplete dominance

31. Sex-linked trait

32. Mutation

33. Selective advantage

34. Natural selection

35. Adaptation

36. Selective pressure

37. Natural selection acts on population

38. Natural selection is situational

39. One type of speciation: adaptive radiation

40. Adaptive radiation

41. Extinction

42. Mutagen

43. Carcinogen

44. Artificial selection

45. Consequences of artificial selection

46. Biotechnology

47. Gene cloning

48. Cloning

49. Recombinant DNA

50. Transgenic organisms +applications

51. Transgenic plants: golden rice

52. Applications of transgenic animals

53. Artificial insemination

54. In vitro fertilization (IVF)
  
55. Reproductive technologies
  
56. Gene therapy
  
57. Using DNA technology in BC
  
58. Food crops and testing for viruses
  
59. Invasive species and forests of BC
  
60. Concerns about GMOs
  
61. Concerns about gene therapy