**Unit 3**

**Life Science: Heredity and Genetics**

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| Standard 7.L.2 | Academic Vocabulary |
| 7.L.2.1Explain why offspring that result from sexual reproduction (fertilization and meiosis) have greater variation than offspring that result from asexual reproduction (budding and mitosis).7.L.2.2Infer patterns of heredity using information from Punnett squares and pedigree analysis.7.L.2.3Explain the impact of the environment and lifestyle choices on biological inheritance (to include common genetic diseases) and survival.-Mitosis vs. Meiosis-Sexual vs. Asexual -Reproduction-Punnett Squares & Pedigree Charts-Inherited vs. Acquired Traits | HeredityDominant traitRecessive traitGenesAllelesPhenotypeGenotypeProbabilityChromosomesMitosisMeiosisPedigreeDNANucleotideAdenineThymineGuanineCytosineRibosomeMutation |