Evolution Card Sort

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| Embryology  The branch of biology and medicine concerned with the study of embryos and their development | Directional selection  A selection that causes a shift in frequency to an extreme phenotype. |
| Vestigial Structures  Inherited, but reduced in size, often unused, and no longer serves its purpose. | Fossil  Preserved remains or imprints of ancient organisms. |
| Homologous Structures  Traits that are similar in different species because the species share a common ancestor | Biochemistry  The branch of science that explores the chemical processes within and related to living organisms. |
| Analogous Structures  Structures that are similar in function but are not inherited from a common ancestor. | Stabilizing Selection (Genetic Equilibrium)  Constant state of allele frequency. |
| Disruptive Selection  A selection that does not favor the most common variation within a population. | DNA Technology  The sequencing, analysis, and cutting-and-pasting of DNA. Examples include sequencing, polymerase chain reaction, cloning, and gel electrophoresis. |

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| Directional Selection | Disruptive Selection | Stabilizing Selection (Genetic Equilibrium) |

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| **Vestigial Structures**Vestigial Structures - Evolution | **Analogous Structures** | **Homologous Structures** | **Biochemistry**Comparative Biochemistry - Evidence for Evolution |
| Fossils  Supercomputer Scours Fossil Record for Earth's Hidden Extinctions -  Scientific American | Embryology | DNA Technology  DNA Sequencing Fact Sheet |  |

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