**Natural and Artificial Selection Notes**

***Natural Selection:***

* Natural selection is a theory which states individuals that are better \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to

their environment are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The traits that help an organism \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are “selected” in natural selection.

***Artificial Selection: (Selective Breeding)***

* Artificial selection explains how nature provides \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and we, as

humans, select variations that are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Example - a farmer breeds only his best livestock to produce superior offspring.
* This can be described as the same thing as natural selection, but the difference is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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