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| **Anatomy & Physiology 12**  **Biology 11 Review** | **Name:**  **Block:**  **Date:** |

**Natural Selection & Evolution**

Use the link: <https://www.bbc.com/bitesize/guides/zt4f8mn/revision/1>

Classification

* The Five Kingdoms are:
* Outline the KPCOFGS classification for a Tiger:
* What is the Three Domain Classification scheme?
* Advances in which field have led to the above scheme?

Natural Selection

* Outline Darwin’s theory with three point form descriptions:

Evolutionary Evidence

* Show/explain three types of evidence for evolution.

Biodiversity

* WHY is biodiversity important?

Natural Selection and Evolution Test Score: /10

**Inheritance**

Use the link: <https://www.bbc.com/bitesize/guides/zqv6gdm/revision/1>

* + Rank these in terms of size: DNA, Nucleus, Chromosome, Gamete, Gene
  + Compare GENOTYPE and PHENOTYPE
  + Compare DOMINANT Allele and RECESSIVE Allele
  + Compare HETEROZYGOUS and HOMOZYGOUS
  + Compare DISCONTINUOUS and CONTINUOUS variation
  + What is a MUTATION?
  + What are the advantages and disadvantages of sexual reproduction?
  + Reproduce the three working examples for monohybrid crosses:
  + Why was Mendel’s work on genetics not well received by the scientific community?

Inheritance Test Score: /10