

Science Homework Week 17 (_____)

Monday – Make a list of topics that you learned about in genetics that were on your KWL list (at least 3). Then include a separate list of anything you would like to know still (at least 3)!

Tuesday – Tuesday – **Vocabulary 17**

Double-helix – the shape of DNA

Base – the codes in DNA that give all of the information for living things

Punnett Square – a tool used to find the possible combinations of alleles from a set of parents

Mutations – a mistake in the copying of DNA that changes the order of the bases

Mutagen – something that causes a mutation

Wednesday – Finish Genetics Review. Test tomorrow!

Thursday – Finish **Perfect Mate Activity** with descriptions and family portrait.

If you miss days this week or after the break, please arrange work ahead of time or expect to have work when you return.

Genetics Study Guide

Trait- a characteristic

Gene-a set of instructions for a trait

Alleles-different forms of a trait

Dominant- a trait that will always show itself

Recessive- a trait that stays hidden unless both genes are recessive

Genotype- the genes present for a trait

Phenotype- the trait that shows up for the genes

Homozygous- an organism that has the same alleles for a gene

Heterozygous - an organism that has different alleles for a gene

DNA- the information inside the nucleus that has genes on it

Double-helix – the shape of DNA

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Also study:

Genetics Notes

DNA Notes

Asexual and Sexual Reproduction Notes (review)

Punnett Squares with Genotype and Phenotype