**SBI 3C - Genetics Unit Review Sheet**

**Big Idea: Should biotechnology be allowed to design future generations?**

Based on our big idea and learning targets for this unit you should be able to describe/compare/explain/debate/explore/connect the following terms and concepts in a vocab grid.

**Vocabulary**

* Cell cycle
* Mitosis (PMAT)
* Meiosis
* Haploid
* Diploid
* Somatic
* Gamete
* Homologous Chromosomes
* Sister Chromatids
* Non-Disjunction
* Traits
* Alleles
* Phenotype
* Genotype
* Homozygous
* Heterozygous
* Genes
* Karyotype
* Protein Synthesis
* DNA
* Nucleotide
* Crossing Over
* Laws of Mendelian Genetics
* Punnett Squares
* Pedigree Charts
* Dominant/Recessive
* Chromosomal mutation
* Genetic mutation
* Point, Inversion, Substitution, Deletion
* Trisomy
* X or Sex-Linked Traits
* Cloning
* In-Vitro Fertilisation
* Artificial Insemination
* Biotechnology
* Cloning
* Genetically Modified Organisms

Fill the grid with random Genetics vocabulary from above and connect as many of the terms together in one sentence. Choose two of the terms and compare them. Can you teach these terms to a non-Biology person?

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