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**Notes - Mendel’s Work**

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| 1. Define genetics
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| 1. Define heredity.
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| 1. Define trait
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| 1. List 2 methods in which traits can be passed.
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| 1. Define asexual reproduction.
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| 1. List 3 examples of organisms that reproduce asexually.
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| 1. What is binary fission?
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| 1. What is budding?
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| 1. Who was Gregor Mendel?
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| 1. Define fertilization.
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| 1. Define pollination.
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| 1. What are gametes?
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| 1. What structures produce gametes in plants?
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| 1. Define purebred.
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| 1. What is the P generation?
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| 1. What are the F1, F2 generations?
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| 1. What did Mendel observe about the F2 generation?
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| 1. What are 4 conclusions that Mendel reached based off his observations?
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| 1. Define gene.
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| 1. Define alleles.
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| 1. What are dominant alleles?
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| 1. What are recessive alleles?
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| 1. What are hybrids?
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