**Table of Alien Traits**

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| **Trait** | **Alleles** | **Expression of Dominant Allele** | **Expression of Recessive Allele** |
| Eye Color | E,e | EE, Ee- Blue eyes | ee- brown eyes |
| Hair Color  | H,h  | HH, Hh-Red hair  | hh-purple hair |
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Genotype/Phenotype Table

Directions: Use a coin to determine each parent’s genotype for each trait. Heads will equal the dominant allele and tails will equal the recessive allele. You will need to flip the coin twice to determine the genotype, and then you will record the phenotype using the information. *(Example: You flip the coin and it lands on heads so it would be E. You flip it again and it lands on tails so it would be e. The Genotype is heterozygous and the phenotype is Blue eyes)*

**Heads equals dominant and tails equals recessive**

Mother Father

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| **Genotype** | **Phenotype** | **Genotype** | **Phenotype** |
| Ee | Blue eyes |  |  |
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