

Punnett Squares (Mendel's Work)

Punnett Steps:

alleles

down

genetics

genotype

heredity

organisms

phenotypes

Punnett square

possible

Summarize

"Split"

An organism's traits are determined by the it inherits from

The passing of traits from parents to offspring is called

The study of heredity is called

A Punnett Square is used to predict the and

of offspring.

1. Determine the genotypes/alleles of the parent
2. Write your "cross" (mating)
3. Draw a
4. the letters of the genotype for each parent & put them "outside" the punnett square
5. Determine the genotypes of the offspring by filling in the p-square
6. results (genotypes and phenotypes of offspring)

- An organism that has the same of a gene for a particular trait are homozygous
- An organism that has different copies of a gene for a particular are heterozygous
- A allele will the recessive allele.

Aa= (Dominant)

AA= Dominant

aa= Recessive

