

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

### Fundamentals of Genetics Video

1. You Predict: What do you think the second generation of offspring looked like?
2. You Predict: What genes did the short plants have?
3. You Predict: What is this person's genotype?
4. You Predict: What is their phenotype?
5. You Predict: What is the possibility that one of their offspring will have the phenotype of yellow?

### Video Quiz

1. \_\_\_\_\_ is the passing on of traits from parents to offspring.
2. A \_\_\_\_\_ trait often masks a recessive trait.
3. Dominant traits are usually symbolized by a \_\_\_\_\_ letter.
4. Each parent contributes \_\_\_\_\_ gene for a trait.
5. The \_\_\_\_\_ is the visible characteristics of an organism.
6. \_\_\_\_\_ is the term used to describe two unlike genes.
7. A \_\_\_\_\_ square illustrates possible combinations of genes in offspring.
8. A \_\_\_\_\_ is an organism that is heterozygous for a trait.
9. A \_\_\_\_\_ consists of actual genes for a trait.
10. In this hybrid cross, the probability of producing short pea plants is \_\_\_\_\_%