Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_ Number \_\_\_

**PBIS Learning Dominate and Recessive Genes Extra Credit and Review**

**Directions:**

* Go to the following link <https://dptv.pbslearningmedia.org/resource/hew06.sci.life.gen.dominantgene/some-genes-are-dominant/>
* Complete the interactive
* Read the background information. (found below the interactive)
* Answer the following using complete sentences with a restate.

1. Who crossed purebred yellow and green peas? (1)

2. What phenotype disappeared when this was done? (1)

3. What does the second generation mean? (1)

4. What are the different forms of the color gene called? (1)

5. Which color is dominant? (1)

6. What does heterozygous mean? (1)

7. Draw a diagram of what happens when you crossbreed a yellow and green peas showing their dominant and recessive alleles (4.5)

8. Draw a diagram of what happens when your cross bred two heterozygous peas showing their dominant and recessive alleles.(4.5)