

—

KHS Biology
Distance
Learning
Week 3



Things to Know (READ BEFORE STARTING):

- These will be your assignments for this first week back.
- Week 3's assignments will be due on **Friday 5/13/2020**
- You can submit virtually on Edmodo or e-mail ON THE DUE DATE (this is preferred) or you can print hard copies and submit physical copies following the submission protocol of the district. Make sure the assignment name is written CLEARLY at the top of your paper. All hard copies being turned in must have the following heading:

Student Name:

Teacher Name: Alexander

Class Name/Subject: Biology

Period:

Assignment Week #: 1

- If you have questions, I will be available for virtual office hours 9-11 a.m. M-F. I would prefer to help via rapid response e-mail or Edmodo chat. If you need to meet virtually, contact me during those hours and we will set up privately. Please make sure you have questions and be concise in these communications.

BIOLOGY – Week 3: Mendellian Genetics

Edmodo Codes
Medical: 8eeunu

Enhanced: ngzk4e

Monday	Tuesday	Wednesday	Thursday	Friday
5/4/20	5/5/20	5/6/20	5/7/20	5/8/20
<p>>Textbook Assignment: Read pg 144-145. >Define the following terms: genetics, alleles, homozygous, heterozygous, dominant allele, recessive allele.</p> <p>Respond to the Following Questions:</p> <ol style="list-style-type: none">1. Who was Gregor Mendel?2. What was the significance of his Pea Plant Study?	<p>>Read pg 146. OR >Read: "Theory of Heredity" (this is hyperlinked)</p> <p>Answer:</p> <ol style="list-style-type: none">1. What are Mendel's 4 hypotheses?2. Complete model 1 and 2 of Genetics Basics POGIL <p>(More virtual resources are posted to Edmodo)</p>	<p>>Complete Model 3 and 4 of Genetics Basics POGIL</p> <p>(More virtual resources are posted to Edmodo)</p>	<p>>Watch and take notes on the Punnett Squares Lecture OR >Read and take notes on this online reading: Punnett Squares (Hyperlinked)</p>	<p>Punnett Squares Practice worksheet. Only do Pages 1 and 2.</p>

GOALS:

1. Explain who Gregor Mendel is and the significance of his research.
2. Describe what genetics is.

1. Use a punnett square to predict the genotype & phenotype of potential offspring.