

# Things to Know (READ BEFORE STARTING):

- These will be your assignments for the third week back.
- Week 3's assignments will be due on **Friday 5/15/2020**.
- You can submit virtually on Edmodo or e-mail ON OR BEFORE 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: Lockard
  - Class Name/Subject: Biology
  - Period:
  - Assignment Week #: 3
- If you have questions, I will be available for virtual office hours 10 a.m.-12 noon 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

EDMODO: 9wnyum

Monday	Tuesday	Wednesday	Thursday	Friday
<b>Textbook assignment 4:</b> <ul style="list-style-type: none"> <li>• Read pgs. 263-266</li> <li>• Write a 1-2 sentence summary per paragraph.</li> </ul>	<b>Theory of Heredity Article</b> <ul style="list-style-type: none"> <li>• Read and use the information to answer Genetics Basics POGIL questions</li> </ul> <b>Genetics Basics POGIL</b> <ul style="list-style-type: none"> <li>• Complete Models 1 and 2</li> </ul>	<b>Genetics Basics POGIL</b> <ul style="list-style-type: none"> <li>• Complete Models 3 and 4</li> </ul>	<b>Punnett Square Learning (ONLINE)</b> <ul style="list-style-type: none"> <li>• Go to the Website and find Objective 2</li> <li>• Choose one of the following three options to learn about Punnett Squares: Video: Punnett Squares Lecture; Video: Punnett Squares; or Reading: Punnett Squares.</li> <li>• Write 15 notes on Punnett squares</li> <li>• <a href="https://www.summitlearning.org/guest/focusareas/863007?fromCourseId=122201">https://www.summitlearning.org/guest/focusareas/863007?fromCourseId=122201</a></li> </ul> <b>Punnett Square Learning (HARD COPY)</b> <ul style="list-style-type: none"> <li>• Read pgs. 267-269 in the textbook. Write 15 notes AND answer 11-2 Assessment questions 1-5 (pg. 269).</li> </ul>	<b>Punnett Square Practice WKST</b> <ul style="list-style-type: none"> <li>• Answer questions 1 – 6</li> </ul> <b>Write a reflection of your understanding of each learning goal. Identify one strength and weakness for each.</b>

## GOALS:

1. Summarize Mendel's experiments with pea plants.
2. Define and use the terms homozygous and heterozygous to describe an organism.
3. Contrast the following pairs of terms: gene and allele; dominant and recessive; genotype and phenotype.
4. Describe the importance of Punnett squares in heredity and how they are used.