

WEEKLY LESSON PLANS

Teacher: Mora

Course: Honors Biology

Periods: 1, 3, 5, 7

Week of: 08/31/20

	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
<u>Unit Learning Goal</u>	Students will design and/or evaluate a scientific investigation using evidence of scientific thinking and/or problem solving.				
<u>Daily Learning Goal</u>	Students will get an idea of how to navigate our Google Classroom course and calendar.	Students will describe the steps of the scientific method and the importance of a controlled experiment.	Students will define a scientific problem and generate a testable hypothesis using the scientific method.	Students will explain how hypotheses are valuable if they lead to further investigations, even if they turn out not to be supported by the data.	Design, conduct, and analyze a VIRTUAL hypothesis-based controlled experiment about factors that affect seed germination.
<u>Standards</u>		SC.912.N.1.1	SC.912.N.1.1	SC.912.N.1.1 SC.8.N.1.3	SC.912.N.1.1 SC.912.N.1.6
<u>Activities</u>	Go over the course syllabus and expectations Go over how to navigate through Google Classroom Play a Kahoot covering the topics they learned in middle school life science	Introduction to unit goals and scale. Inspiring TedEd on scientific ideas Notes on Scientific Method Finish with experimental analysis from a diagram.	First daily start-up – I'll demonstrate how to do it electronically Inference vs observation vs hypothesis practice Introduction to scientific graphs notes and examples - go over different types of graphs, and discuss which data leads best to which type.	Second daily start-up – if you have your chromebook already, do it electronically Graphing assignment – students will graph data presented in different formats and construct conclusions from the results	By now, everyone should have been assigned a chromebook! Nearpod activity on experimental design analysis Seed Germination GIZMO
<u>Homework</u>	Answer the First Day Assignment question posted on Google Classroom	Finish the note sheet from class if didn't finish it in class	None officially – but can copy the start-up from paper to Google Classroom	Finish the graphing sheet started in class	Finish GIZMO Knowledge Check Tuesday