



# DEMS Virtual Learning Plan

## Grade 8 Math / Science

20-21, Trimester 1, October 18

	<u>Sunday 10/18</u>	<u>Monday 10/19</u>	<u>Tuesday 10/20</u>	<u>Wednesday 10/21</u>	<u>Thursday</u>
<b>Math</b>	<p><b>Goal:</b> 8.EE.7: I can write, solve, and interpret the solution set of multi-step linear equations and inequalities in one variable.</p> <p><b>Targets:</b> Apply knowledge of translating word statements by writing and solving equations</p> <p><b>Activities:</b> -Live class: Students will write and solve equations from a range of word problems and prove the equation is true.  -Khan Academy Practice</p>	<p><b>Goal:</b> 8.EE.7: I can write, solve, and interpret the solution set of multi-step linear equations and inequalities in one variable.</p> <p><b>Targets:</b> Classifying solutions of an equation</p> <p><b>Activities:</b> -Independent work: Students will write and solve equations from a range of given problems and prove the equation has one, infinite or no solution.  -Khan Academy Practice</p>	<p><b>Goal:</b> 8.EE.7: I can write, solve, and interpret the solution set of multi-step linear equations and inequalities in one variable.</p> <p><b>Targets:</b> Classifying solutions of an equation</p> <p><b>Activities:</b> -Independent work: Students will continue to write and solve equations from a given range of problems and prove the equation has one, infinite or no solution.  -Khan Academy Practice</p>	<p><b>Goal:</b> 8.EE.7: I can write, solve, and interpret the solution set of multi-step linear equations and inequalities in one variable.</p> <p><b>Targets:</b> Solving an equation by changing the equation into equivalent forms</p> <p><b>Activities:</b> -Independent work: Practice solving multi step equations  -Khan Academy Practice</p>	<b>Scorpion Day</b>

<b>Science</b>	<p><b>Goal :</b> <b>MS-LS 4-5:</b> I can gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.</p> <p><b>Targets :</b> Explore Artificial Selection and create new understandings.</p> <p><b>Activities</b> Independent work: Read articles, watch videos and develop and share understandings on class Padlet.</p>	<p><b>Goal :</b> <b>MS-LS 4-5:</b> I can gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.</p> <p><b>Targets :</b> Explore Artificial Selection and create new understandings.</p> <p><b>Activities :</b> Continue independent explorations from the previous day.</p>	<p><b>Goal :</b> <b>MS-LS 4-4:</b> I can construct an explanation based on evidence that describes how genetic variations of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment</p> <p><b>Targets :</b> Demonstrate understanding of unit topic</p> <p><b>Activities :</b> (LS 4-4) <b>Summative Assessment</b></p>	<p><b>Goal :</b> <b>MS-LS 4-5:</b> I can gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.</p> <p><b>Targets :</b> Compare role of nature versus humans on evolution</p> <p><b>Activities</b> Simulated Inquiry: Evolution - Natural and Artificial Selection</p>	
<b>Google Meets</b>	<p><b>8 BLUE Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group Appointments</b> <b>Team :</b> Whole Class</p> <p><b>Time :</b> 8:30-9:15</p> <p><b>Goal :</b> See lesson goal</p>	<p><b>8 BLUE Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group Appointments</b> <b>Team :</b> PTC - NO LIVE MEETS</p> <p><b>Time :</b> 12:30 - 1:15</p> <p><b>Goal :</b></p>	<p><b>8 BLUE Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group Appointments</b> <b>Team :</b> Whole Class</p> <p><b>Time :</b> 8:30-9:15</p> <p><b>Goal :</b> See lesson goal</p>	<p><b>8 BLUE Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group Appointments</b> <b>Team :</b> PTC - NO LIVE MEETS</p> <p><b>Time :</b> 12:30 - 1:15</p> <p><b>Goal :</b></p>	
	<p><b>8 GOLD Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group</b></p>	<p><b>8 GOLD Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p>	<p><b>8 GOLD Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group</b></p>	<p><b>8 GOLD Morning Meeting (ALL):</b> <b>Time :</b> 8 - 8:30</p> <p><b>Instruction / Small Group</b></p>	

	<b>Appointments</b> <u>Team :</u> Whole Class  <u>Time :</u> 9:15-10:00  <u>Goal :</u> See lesson goal	<b>Instruction / Small Group Appointments</b> <u>Team :</u> PTC - NO LIVE MEETS  <u>Time :</u> 1:15-2:00  <u>Goal :</u>	<b>Appointments</b> <u>Team :</u> Whole Class  <u>Time :</u> 9:15-10:00  <u>Goal :</u> See lesson goal	<b>Appointments</b> <u>Team :</u> PTC - NO LIVE MEETS  <u>Time :</u> 1:15-2:00  <u>Goal :</u>	
	<b>8 GREEN Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> Whole Class  <u>Time :</u> 9:15-10:00  <u>Goal :</u> See lesson goal	<b>8 GREEN Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> PTC - NO LIVE MEETS  <u>Time :</u> 1:15-2:00  <u>Goal :</u>	<b>8 GREEN Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> Whole Class  <u>Time :</u> 9:15-10:00  <u>Goal :</u> See lesson goal	<b>8 GREEN Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> PTC - NO LIVE MEETS  <u>Time :</u> 1:15-2:00  <u>Goal :</u>	
	<b>3 WHITE Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> Whole Class  <u>Time :</u> 8:30-9:15  <u>Goal :</u> See lesson goal	<b>3 WHITE Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> PTC - NO LIVE MEETS  <u>Time :</u> 12:30-1:15  <u>Goal :</u>	<b>3 WHITE Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> Whole Class  <u>Time :</u> 8:30-9:15  <u>Goal :</u> See lesson goal	<b>3 WHITE Morning Meeting (ALL):</b> <u>Time :</u> 8 - 8:30  <b>Instruction / Small Group Appointments</b> <u>Team :</u> PTC - NO LIVE MEETS  <u>Time :</u> 12:30-1:15  <u>Goal :</u>	
	<b>ALL Closing Circle</b> <u>Time :</u> 2:00-2:30	<b>ALL Closing Circle</b> <u>Time :</u> 2:00-2:30	<b>ALL Closing Circle</b> <u>Time :</u> 2:00-2:30	<b>ALL Closing Circle</b> <u>Time :</u> 2:00-2:30	

	<b>Office Hours:</b> <u>Time :</u> 2:30-3:30	<b>Office Hours:</b> <u>Time :</u> 2:30-3:30	<b>Office Hours:</b> <u>Time :</u> 2:30-3:30	<b>Office Hours:</b> <u>Time :</u> 2:30-3:30	
<b>Optional Extension Activities and Resources</b>					