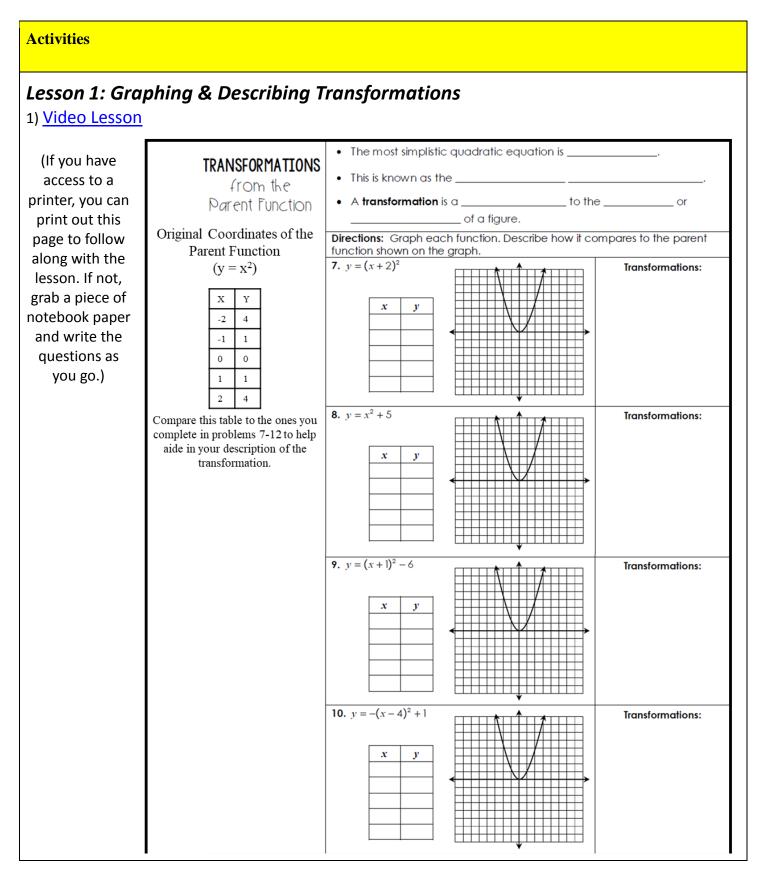
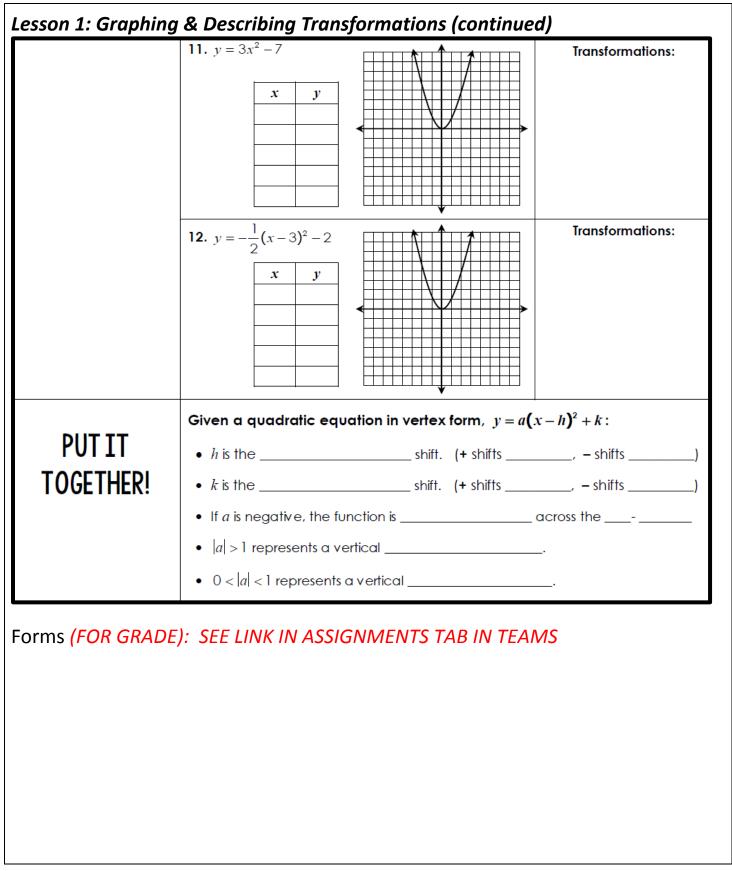
Middle School Algebra Outreach Learning April 28 – May 1, 2020

Algebra 1 Week of April 28 th	
If there are any questions, please feel free to email me at: rheaburnsl@lpisd.org	
Please use the given links to access your class period's TEAMS folder:	
Previous Lessons: Solving quadratic equations by using the square root method, examining vertex form of quadratic equations, solving using factored form, and basics of the quadratic formula.	
Objectives	
 Objective / I Can: Describe transformations of quadratic equations Write Quadratic equations when given a transformation 	ion



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Lesson 2: Writing Transformation Equations 1) <u>Video Lesson (</u> If you have access to a printer, you can print out this page to follow along with the lesson f not, grab a piece of notebook paper and write the questions as you go.)		
PUT IT TOGETHER!	• k is the shift.	<pre>x form, y = a(x - h)² + k: (+ shifts, - shifts) (+ shifts, - shifts) across the</pre>
	 a > 1 represents a vertical 0 < a < 1 represents a vertical 	
WRITING EQUATIONS	 Directions: Transformations from the period below. Write an equation to represent 13. translated 2 units right 	
	15. translated 3 units left and 4 units down	16. translated 7 units right and 4 units up
	17. reflected over the x-axis, then translated 3 units down	18. reflected over the x-axis, then translated 5 units right and 2 units down
	19. vertically compressed by a factor of 1/3, then translated 8 units up	20. vertically stretched by a factor of 2, reflected over the <i>x</i> -axis, then translated 4 units left

2) Quizizz (For Grade): See Codes : 2nd period 387484, 6th period 902592

Academic/Instructional Support

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Schedule :	Students should begin work on Tuesday, 4/28 and should be completed no later than Monday, 5/4 at 8 a.m.	
	This assignment should take less than 2 hours to complete.	
Office Hours:	Wednesdays 9 – 11 a.m. & Fridays 1 – 3 p.m. Please email me anytime, and I will get back to you as soon as I can.	
To Be Graded		
Assignment for students to s	ubmit:	
 Forms Submission – Describing Transformations Quizizz on writing quadratics when given transformations 		
When is it due? All assignments are due no later than Monday, May 4 th at 8:00am.		
What assignments will the student submit?		
1. Describing Transformations Forms		
2. Writing Quadratics Quizizz		
How will it be submitted? All assignments are to be submitted electronically via Quizizz and Microsoft Forms except by individual arrangement.		