



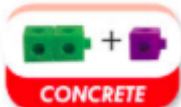

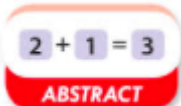
**Title: Math 6A Playlist**

**Learning Target/Standards:**

Grade 7 Level Mathematics focuses on the following critical areas:

- (1) developing understanding of and applying proportional relationships;
- (2) developing understanding of operations with rational numbers and working with expressions and linear equations;
- (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume;
- (4) drawing inferences about populations based on samples;
- (5) math fact fluency

**Directions: Determine your pace through the activities and extensions in the playlist to support your readiness for middle school mathematics**

<b>Process</b> (Students choose their entry point)	<b>Task/Learning</b> (Provide physical and digital opportunities for learners)	<b>Progress</b>
<b>Explore</b>	Explore Grade 7 Math with Khan Academy. Click image to access. 	
	 Visit the Brainpop App to explore videos on math topics:	
	<a href="#">Bar Modeling</a> - A Review <a href="#">Bar Modeling</a> - Solving Ratios	
	<a href="#">GregTangmath.com</a> <ul style="list-style-type: none"> <li>• <a href="#">Games</a> to support practice and fluency</li> </ul> Bar model drawings support pictorial methods	
	<b>IXL - Access through the App on your device or web:</b> <a href="https://www.ixl.com/signin/greenwichps">https://www.ixl.com/signin/greenwichps</a> <ul style="list-style-type: none"> <li>• <a href="#">Grade 7 Math Practice</a></li> <li>• <a href="#">Bridge to Pre Algebra IXL Skills</a></li> </ul> Khan Academy - <a href="#">Practice</a>	

	<p><a href="#">Illustrative Mathematics - Grade 7</a></p> <ol style="list-style-type: none"> <li>1. Click Domains <ol style="list-style-type: none"> <li>a. 7.RP Ratios and Proportional Reasoning</li> <li>b. 7.NS The Number System</li> <li>c. 7.EE Expressions &amp; Equations</li> <li>d. 7.G Geometry</li> <li>e. 7.SP Statistics and Probability</li> </ol> </li> <li>2. Click View all <a href="#">Grade 7 Tasks</a></li> </ol>	
<b>Extend</b>	<p><b>Visit the Library and read books on a Math Theme:</b>  <a href="#">A Gebra named Al</a> by Wendy Isdell  <a href="#">The Cat in Numberland</a> by Ivar Eckland  <a href="#">The Adventures of Penrose the Mathematical Cat</a> by Theoni Pappas  <a href="#">Sir Cumference and the Dragon of Pi</a> by Cindy Neuschwander</p> <p>Revisit the applications (apps) on your device to <b>EXTEND</b> your learning.</p>	
<b>Application</b>	<p>Use <b>Educreations</b> (or another method of their choice) to:</p> <ul style="list-style-type: none"> <li>● “teach” your new learning to a 4th or 5th grader</li> <li>● make connections to how this new math learning can be used in daily life</li> <li>● create a problem for others to solve that involve the new learning.</li> </ul>	
<b>Share</b>	<p>Be a partner with your parent, sibling or peer (friend) and explain your learning.</p> <p>Be certain to share with your current teacher how you are working to meet a new goals you have set for mathematics in sixth grade.</p>	