

## LAL Numeracy: Topic Layout and Explanation

The mathematical topics, language learning goals, and resources for teaching are created in a frame with the following sections:

LAL COURSE STRAND: TOPIC		
Big Ideas: Big ideas for topic derived from <i>Glance Across the Grades</i> document.		
	Numeracy	Language
<b>Outcomes</b> This section will include targeted outcomes from the K–8 Math curriculum.	Targeted outcomes from the K–Grade 8 Math curriculum	Targeted outcomes from the LAL curriculum
<b>Connection to Prior Learning</b>	Prerequisite numeracy skills that students will require to understand the targeted outcomes	Perequisite language skills that students will require to understand the targeted outcomes
	<b>Instructional Strategies:</b> Targeted outcomes from the K–Grade 8 Math curriculum	<b>Assessment Criteria:</b> Targeted outcomes from the K–Grade 8 Math curriculum
<b>Suggested Language Learning Experiences</b>	<b>Language Foundation:</b> How language is integrated in teaching the targeted mathematics learning goals	<b>Key Vocabulary:</b> Combination of concept words and tier-two words that would be critical for students to understand the targeted concept in the unit
	<b>Learning Supports:</b> Supports and manipulatives that assist in meeting the numeracy and language outcomes	<b>Mental Math:</b> Suggestions for building fluency and automaticity in the targeted outcomes
		<b>Sentence Format:</b> Suggested sentence frames to reinforce and enhance math concept
		<b>Problem Solving:</b> Suggestions to connect the targeted outcomes to real-world contexts, critical in reinforcing the learned numeracy and language skills