

STANDARD	LESSON 1	LESSON 2
<b><u>Make sense of problems and persevere in solving them</u></b> <i>Plan a solution pathway instead of jumping to a solution</i> <i>Continually ask themselves, “does this make sense?” Understand various approaches to solutions</i>		
<b><u>Reason abstractly and quantitatively</u></b> <i>Make sense of quantities and their relationship</i> <i>Create a logical representation of the problem</i>		
<b><u>Construct viable arguments and critique the reasoning of others</u></b> <i>Justify conclusions with mathematical ideas</i> <i>Listen to the arguments of others and ask useful questions to determine if an argument makes sense</i>		
<b><u>Model with mathematics</u></b> <i>Apply the mathematics they know to solve everyday problems</i> <i>Reflect on whether the results make sense, possibly improving/revising the model</i>		
<b><u>Use appropriate tools strategically</u></b> <i>Use available tools, recognizing the strengths and limitations of each</i> <i>Use estimation and other mathematical knowledge to detect possible errors</i>		
<b><u>Attend to precision</u></b> <i>Communicate precisely with others and try to use clear mathematical language when discussing their reasoning</i> <i>Express numerical answers with a degree of precision appropriate for the problem context</i>		
<b><u>Look for, and make use of, structure</u></b> <i>Apply general mathematical rules to specific situations</i> <i>Look for the overall structure and patterns in mathematics</i> <i>See complicated problems both as single objects, and being composed of several processes</i>		
<b><u>Look for, and express, regularity in repeated reasoning</u></b> <i>See repeated calculations and look for generalizations and shortcuts</i> <i>See the overall process of the problem and still attend to the details</i> <i>Continually evaluate the reasonableness of their intermediate results</i>		