

Academic Language for Math

DRAFT

Language Functions	Sentence Frames
Apply Determine Estimate Formulate Simplify Solve Verify 	<ul style="list-style-type: none"> The _____ property applies to _____. To solve _____, apply _____. To solve for ____, first ____, and then _____. Apply the _____ to _____. To determine the _____, use _____. To verify _____, use _____. To simplify the expression, _____. _____ is equivalent to _____. Estimate _____ by _____. The rules for _____ are _____.
Demonstrate Represent Display Graph Construct 	<ul style="list-style-type: none"> The results can be displayed on a _____ graph. The best way to display _____ is on a _____. I would use a _____ to display the data. _____ represents the _____. The set of data is represented by _____. I would record _____ on the x-axis and _____ on the y-axis. The graph/chart/table shows _____. The graph depicts/ illustrates _____. According to the graph, _____. Using the information, we can construct/create _____.

Language Functions	Sentence Frames
Generalize Interpret Infer Predict Relate 	<ul style="list-style-type: none"> Based on _____, we can generalize/infer/predict that _____. Because of _____, I think _____. _____ is greater than _____. _____ is less than _____. If _____, then _____. When _____ (increases/decreases), then _____ (increases/decreases). The relationship between _____ and _____ is _____.
Compare Contrast 	<ul style="list-style-type: none"> _____ and _____ are similar because _____. _____ and _____ are different because _____. The differences between _____ and _____ are _____. The similarities between _____ and _____ are _____. _____ is like _____, whereas _____ is like _____. _____ is _____; on the other hand _____ is _____. _____ is (like/unlike) _____ because _____. _____ is _____; in contrast, _____ is _____. The similarities/differences are _____. The advantages/disadvantages of _____ are _____. The pros/cons of _____ are _____.
Identify Recognize Explain Describe Examine Evaluate Analyze 	<ul style="list-style-type: none"> The solution is _____ because _____. To solve _____, use _____ because _____. The result of _____ is _____. The effect of _____ is _____. The impact of _____ is _____. The cause of _____ is _____. The reasons for doing it this way are _____. The relationship between _____ and _____ is _____. The process of _____ is _____. The function of _____ is _____.