Grade 3

LabLearner Math Concept	**Common Core State Standard**	Represent and solve problems involving multiplication and division	Solve problems of measurement, estimation of time, volume, & mass	Represent and interpret data	Reason with shapes and their attributes	Recognize perimeter and distinguish between linear and area measures	Develop understanding of fractions as numbers	Solve problems with 4 operations;identify & explain patterns in arithmetic	Understand concepts of area and relate area to multiplication and to addition	Use place value & properties of operations to perform multi-digit operations	Multiply and divide within 100
Properties of Matter											
Addition								X	X	X	
Bar graph				X							
Classifying				X							
Comparing (non)measurable characteristics				X							
Continuum scale				X							
Counting whole numbers											
Counting with manipulatives											
Data analysis				X							
Data table				X							
Division		X						X			
Estimation			X								
Fractions							X				
Geometry					X	X					
Greater than/less than/equal to				X							

Least to greatest			X							
Length										
Multiplication	X						X	X		X
Place value									X	
Skip counting										
Subtraction							X			
Trends/relationships			X							
Volume		X								
Weight		X								
Exploring Electricity										
Addition							X	X	X	
Comparing (non)measurable characteristics			X							
Counting whole numbers										
Data analysis			X							
Data table			X							
Estimation		X								
Greater than/less than/equal to			X							
Length										
Problem solving	X	X	X				X			
Sequential order			X							
Subtraction							X			
Venn diagram			X							
The Human Body										
Addition							X	X	X	
Circumference					X					
Classifying			X							
Comparing (non)measurable characteristics			X							
Counting whole numbers										
Data analysis			X							
Data table			X							
Diameter					X					
Division	X						X			
Estimation		X	X							
Frequency										
Geometry				X	X					
Greater than/less than/equal to			X							
Grouping			X							
Length										
Multiplication	X						X	X		X
Parts/whole						X				
Patterns										
Place value									X	
Problem solving	X	X	X				X			
Rate										
Sequential order			X							
Symmetry										
Time		X								
Volume		X								
Our Solar System										

Angles										
Bar graph			X							
Comparing size and shape				X						
Continuum scale			X							
Counting whole numbers										
Data analysis			X				X			
Data table			X							
Estimation		X	X							
Fractions						X				
Geometry				X	X					
Greater than/less than/equal to			X							
Grouping			X							
Least to greatest			X							
Length										
Ordinal numbers			X							
Parts/whole						X				
Place value									X	
Position										
Problem solving	X	X	X				X			
Sequential order			X							
Skip counting										
Temperature										
Time		X								
The Sun and Your Skin										
Addition							X	X	X	
Bar graph			X							
Comparing (non)measurable characteristics			X							
Continuum scale			X							
Counting with manipulatives										
Data analysis			X							
Data table			X							
Estimating size, shape, form				X						
Fractions						X				
Greater than/less than/equal to			X							
Least to greatest			X							
Length										
Line segments					X					
Ordinal numbers			X							
Part/whole						X				
Pie graph			X							
Problem solving	X	X	X				X			
Rays										
Skip counting										
Temperature										
Time		X								
Volume		X								
Whole numbers										