

# LabLearner Math Concept Grade 5

## CELL

### Work and Simple Machines

- Addition
- Comparing (non)measurable characteristics
- Data analysis
- Data table
- Decimals
- Factors/products
- Force in Newtons
- Fractions
- Greater than/less than/equal to
- Length
- Line graph
- Mass
- Mathematical formulas
- Multiplication

	Common Core State Standard									
	Write and interpret numerical expressions	Analyze patterns and relationships	Represent and interpret data	Perform operations with multi-digit whole numbers & decimals to hundredths	Understand volume & relate it to multiplication & addition	Graph points on the coordinate plane to solve real-world & math problems	Convert like measurement units within a given measurement system	Use equivalent fractions as a strategy to add and subtract fractions	Classify two-dimensional figures into categories based on their properties	Understand the place value system
Addition	X			X						
Comparing (non)measurable characteristics		X	X							
Data analysis		X	X							
Data table			X							
Decimals				X						
Factors/products				X						
Force in Newtons										
Fractions								X		
Greater than/less than/equal to		X	X							
Length										
Line graph						X				
Mass										
Mathematical formulas	X									
Multiplication				X						

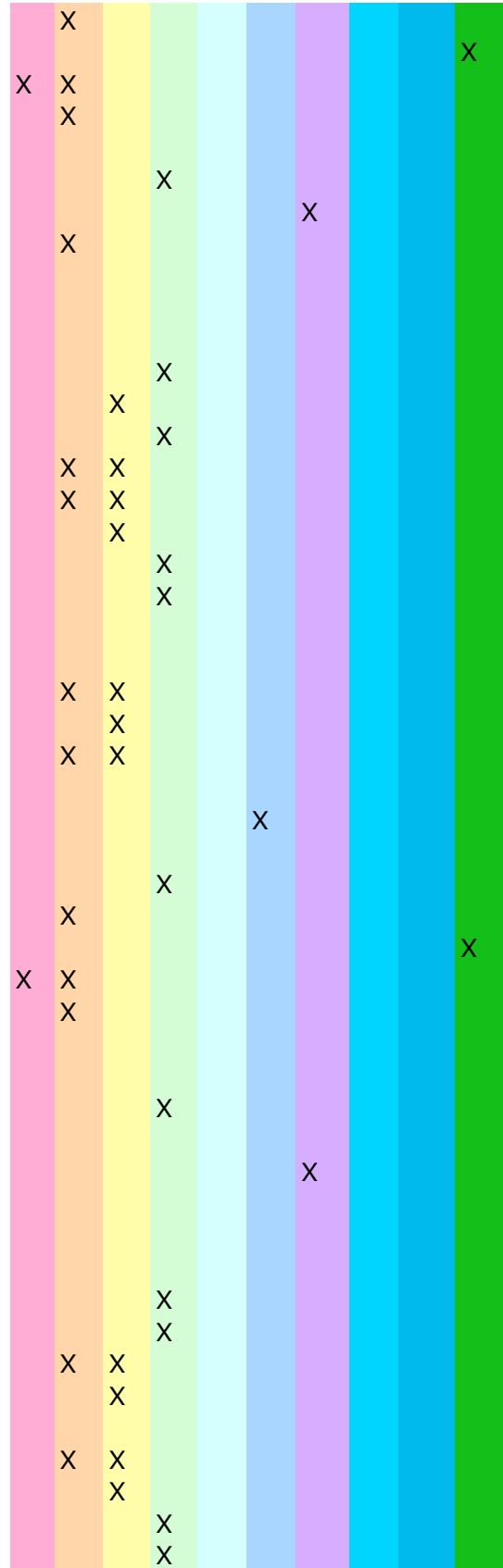
Patterns/trends  
 Place value  
 Problem solving  
 Relationships  
 Skip counting  
 Subtraction  
 Unit conversions  
 Variables/constants  
 Whole numbers

**Earth's Forces**

Addition  
 Bar graph  
 Calculating averages  
 Comparing (non)measurable characteristics  
 Data analysis  
 Data table  
 Decimals  
 Division  
 Exponents  
 Force in Newtons  
 Greater than/less than/equal to  
 Least to greatest  
 Least to greatest  
 Length  
 Line graph  
 Mass  
 Multiplication  
 Patterns/trends  
 Place value  
 Problem solving  
 Relationships  
 Skip counting  
 Speed  
 Subtraction  
 Time  
 Unit conversions  
 Weight

**Investigating Heat**

Addition  
 Calculating averages  
 Comparing (non)measurable characteristics  
 Continuum scale  
 Counting whole numbers  
 Data analysis  
 Data table  
 Decimals  
 Division



Fractions  
 Greater than/less than/equal to  
 Grouping/classifying  
 Least to greatest  
 Length  
 Line graph  
 Mass  
 Mathematical formulas  
 Patterns/trends  
 Place value  
 Problem solving  
 Relationships  
 Skip counting  
 Subtraction  
 Surface area  
 Temperature/reading thermometer  
 Time  
 Variables/constants  
 Volume

**Microscopic Explorations**

Comparing (non)measurable characteristics  
 Counting whole numbers  
 Data analysis  
 Data table  
 Diameter  
 Division  
 Geometry  
 Greater than/less than/equal to  
 Grouping/classifying  
 Height  
 Least to greatest  
 Length  
 Multiplication  
 Parts/whole  
 Problem solving  
 Ratio/proportions  
 Relationships  
 Sequential order  
 Size, shape, form  
 Unit conversions  
 Variables/constants  
 Venn diagram  
 Volume  
 Width

**Inheritance and Adaptations**

Addition  
 Comparing (non)measurable characteristics

