

PPPGrade: 3
Subject area: Mathematics

MATHEMATICS	Q1	Q2	Q3	Q4
Number Operations				
Compare whole numbers using appropriate symbol (<)	P			
Compare whole numbers using appropriate symbol (>)	P			
Compare whole numbers using appropriate symbol (=)	P			
Identify place value to thousands	D	P		
Compute up to 3 digit addition with regrouping	P			
Compute up to 3 digit subtraction with regrouping	P			
Compute addition with money (decimals to hundredths place)	P			
Find the missing addend	P			
Find the missing minuend	P			
Find the missing factors			P	
Demonstrate the relationship between multiplication and addition			P	
Use strategies to facilitate accuracy of basic addition facts up to 18	P			
Use strategies to facilitate accuracy of basic subtraction facts up to 18	P			
Create multiple step work problems	D	D	D	D
Solve multiple step word problems	D	D	D	D
Round 2 digit numbers to ten	P			
Round 2 digit numbers to dollars	P			
Round 3 digit numbers to hundreds	P			
Round 3 digit numbers to hundreds	P			
Use ordinal numbers 1 st - 99 th to describe position	P			
Use mental math to find sums of multiples of 10	P			
Use mental math to find differences of multiples of 10	P			
Use mental math to find sums of multiples of 100	P			
Use mental math to find differences of multiples of 100	P			
Use strategies to develop basic knowledge of multiplication facts to 12			P	
Use strategies to develop basic knowledge of division facts to 12				I
Understand fractional parts including equivalent fractions through models and manipulatives (1/2, 1/3, 1/4, 1/5, 1/6)				I
Identify equivalent fractions in picture form				I
Use objects to compare fractions				I
Probability and Statistics				
Interpret bar graphs				I
Interpret circle graphs				I
Interpret picture graphs				I
Interpret line graphs				I
Make predictions using the direction of changes in line graphs				I
Create a graph to represent data				I
Determine fair and unfair games based on probability				I
Determine simple outcomes of events				I
Geometry				
Identify plane figures				P
Identify space figures				P
Identify the relationship to each other of plane and space figures				P
Understand symmetrical figures				P
Create symmetrical figures				P
Understand congruent figures				P
Create congruent figures				P
Introduce concept of right angles				P
Introduce concept of greater than angles				P
Introduce concept of less than angles				P
Identify parallel lines				P
Identify intersecting lines				P

Locate coordinates of a point on a graph				
Name coordinates of a point on a graph				
Measurement				
Use clocks to read time to 5 minute intervals		P		
Use clocks to write time to 5 minute intervals		P		
Use clocks to read time to 1 minute intervals		P		
Use clocks to write time to 1 minute intervals		P		
Use clocks to read and write using p.m. notation		P		
Count with coins (penny, nickel, dime, quarter, half-dollar, and dollar)		P		
Give change with coins (penny, nickel, dime, quarter, half-dollar, and dollar)		P		
Find perimeter using measurement and addition		D		P
Measure area using pictorial units				P
Measure volume using pictorial square units				P
Use a bench mark for estimation		P		
Use a bench mark for measurement		P		
Measure in dry quantities in customary systems		P		
Measure in dry quantities in metric systems		P		
Measure in liquid quantities in customary systems		P		
Measure in liquid quantities in metric systems		P		
Estimate length (metric and standard units) accurately to nearest half unit		P		
Compare length (metric and standard units) accurately to nearest half unit		P		
Measure length (metric and standard units) accurately to nearest half unit		P		
Algebraic Relationships				
Substitute number values for letter to find a sum	P			
Substitute number values for letters to find a product			P	
Draw picture patterns	D	D	D	D
Create picture patterns	D	D	D	D
Use patterns to solve problems	D	D	D	D
Identify a number pattern	P			
Complete a number pattern	P			
Use mathematical symbols to represent expressions	D	D	D	D
Use mathematical symbols to represent equations	D	D	D	D
Create multiple-step work problems		D	D	D
Solve multiple-step work problems		D	D	D
Determine whether simple number sentences are true or false				
Locate coordinates of a point on a graph				
Name coordinates of a point on a graph				

I: Introduced D: Developing P: Proficient