

PR1ME PROFESSIONAL LEARNING NOW (PPLN) videos mapped to PR1ME New Edition

Video	Title	Description	Prime Book and Chapter	Prime Unit	Prime Lesson
1	Grade 1 Addition and Subtraction within 20	This video is about the Grade 1 topic Addition and Subtraction within 20 where students will learn to add within 20. Students will learn to add two 1-digit numbers with regrouping using the 'make 10' method.	Book 1 Chapter 7: Addition and Subtraction Within 20	Unit 1: Addition Within 20	1.1 Adding two 1-digit numbers by making 10
2	Grade 1 Addition and Subtraction within 40	This video is about the Grade 1 topic Addition and Subtraction within 40 where students will learn about adding ones without regrouping. Students will learn to use the 'counting on' method, number bonds and algorithm.	Book 1 Chapter 15A: Addition and Subtraction Within 40	Unit 1: Addition and Subtraction Without Regrouping	1.1 Adding a 1-digit number to a 2-digit number
3	Grade 1 Addition and Subtraction within 40	This video is about the Grade 1 topic Addition and Subtraction within 40 where students will learn about subtracting ones without regrouping. Students will learn to use the 'counting backwards' method, number bonds and algorithm.	Book 1 Chapter 15A: Addition and Subtraction Within 40	Unit 1: Addition and Subtraction Without Regrouping	1.4 Subtracting a 1-digit number from a 2-digit number
4	Grade 1 Addition and Subtraction Within 40	This video is about the Grade 1 topic Addition and Subtraction Within 40. Students will learn how to add a 1-digit number and a 2-digit number with regrouping using the 'counting on' method, number bonds and algorithm.	Book 1 Chapter 15A: Addition and Subtraction Within 40	Unit 2: Addition and Subtraction with Regrouping	2.1 Adding a 1-digit number to a 2-digit number with regrouping
5	Grade 1 Addition and Subtraction Within 40	This video is about the Grade 1 topic Addition and Subtraction Within 40 where students will learn to add two 2-digit numbers with regrouping using algorithm.	Book 1 Chapter 15A: Addition and Subtraction Within 40	Unit 2: Addition and Subtraction with Regrouping	2.2 Adding two 2-digit numbers with regrouping
6	Grade 1 Length	This video is about the Grade 1 topic Length where students will learn to measure length. Students will learn how to estimate and measure the length of an object in non-standard units.	Book 1 Chapter 10: Length	Unit 2: Measuring Length	2.1 Measuring length
7	Grade 1 Number Bonds	This video is about the Grade 1 topic Number Bonds. Students will learn to make a number story to illustrate a number for 9 and 10, to break a set of 9 objects into two parts and to write a number bond for 9 and 10.	Book 1 Chapter 2: Number Bonds	Unit 1: Telling Number Stories	1.5 Making 9 1.6 Making 10
8	Grade 1 Numbers to 100	This video is about the Grade 1 topic Numbers to 100 where students will learn about tens and ones. Students will learn to count by tens within 100	Book 1 Chapter 19: Numbers to 100	Unit 1: Tens and Ones	1.1 Counting, reading and writing numbers in tens
9	Grade 2 Addition and Subtraction with Regrouping	This video is about the Grade 2 topic Addition and Subtraction with Regrouping where students will learn to add with regrouping. Students will learn to add within 1000 with regrouping in ones.	Book 3 Chapter 2: Addition and Subtraction Within 1000	Unit 2: Addition with Regrouping	2.1 Adding with regrouping in ones
10	Grade 2 Addition and Subtraction with Regrouping	This video is about the Grade 2 topic Addition and Subtraction with Regrouping where students will learn to add within 1000 with regrouping in tens.	Book 3 Chapter 2: Addition and Subtraction Within 1000	Unit 2: Addition with Regrouping	2.2 Adding with regrouping in tens
11	Grade 2 Addition and Subtraction with Regrouping	This video is about the Grade 2 topic Addition and Subtraction with Regrouping where students will learn to subtract within 1000 with regrouping in tens and ones.	Book 3 Chapter 2: Addition and Subtraction Within 1000	Unit 3: Subtraction with Regrouping	3.1 Subtracting with regrouping in tens and ones
12	Grade 2 Fractions: Comparing and Ordering Unit Fractions	This video is about the Grade 2 topic Fractions where students will learn to compare and order unit fractions.	Book 3 Chapter 11: Fractions	Unit 1: Fraction of a Whole	1.2 Comparing and ordering fractions with the same numerator or denominator
13	Grade 2 Graphs	This video is about the Grade 2 topic Graphs where students will learn about picture graphs. Students will learn to make and read a picture graph with a scale.	Book 2 Chapter 15: Handling Data	Unit 1: Pictograms	1.2 Making, reading and interpreting pictograms with scale
14	Grade 2 Multiplication	This video is about the Grade 2 topic Multiplication where students will learn about related multiplication facts within 40. Students will learn to observe the commutative property of multiplication.	Book 2 Chapter 6: Multiplication	Unit 3: Multiplication Within 40	3.2 Related multiplication facts
15	Grade 2 Multiplication Tables of 3 and 4	This video is about the Grade 2 topic Multiplication Tables of 3 and 4. Students will learn the commutative and distributive properties, write multiplication sentences, multiply numbers, relate multiplication facts and remember multiplication facts.	Book 2 Chapter 10: Multiplication Tables of 3 and 4	Unit 1: Multiplying by 3	1.2 Using dot cards
16	Grade 2 Multiplication: Adding Equal Groups	This video is about the Grade 2 topic Multiplication. Students will learn how to recognize equal groups and find the total number of the groups by repeated addition, and, to use mathematical language such as '4 threes' to describe the equal groups.	Book 2 Chapter 6: Multiplication	Unit 1: Adding Equal Groups	1.1 Adding the same number

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17	Grade 3 Fractions: Adding Fractions with the Same Denominator	This video is about the Grade 3 topic Fractions where students will learn about adding fractions with the same denominator. Students will learn to add like fractions within 1 whole.	Book 3 Chapter 11: Fractions	Unit 3: Adding Fractions	3.1 Adding fractions with the same denominator
18	Grade 3 Fractions: Equivalent Fractions	This video is about the Grade 3 topic Fractions where students will learn to understand equivalent fractions. Students will learn to recognise and name equivalent fractions of a given fraction with denominators up to 12.	Book 3 Chapter 11: Fractions	Unit 2: Equivalent Fractions	2.1 Understanding equivalent fractions
19	Grade 3 Fractions: Equivalent Fractions	This video is about the Grade 3 topic Fractions. Students will be able to write an equivalent fraction of a fraction given the numerator or the denominator and to find equivalent fractions of a given fraction using multiplication.	Book 3 Chapter 11: Fractions	Unit 2: Equivalent Fractions	2.2 Finding equivalent fractions by multiplying
20	Grade 3 Fractions: Subtracting Fractions	This video is about the Grade 3 topic Fractions where students will learn to subtract fractions with the same denominator. Students will learn to subtract like fractions within 1 whole.	Book 3 Chapter 11: Fractions	Unit 4: Subtracting Fractions	4.1 Subtracting fractions with the same denominator
21	Grade 3 Multiplying 2-digit Numbers with Regrouping of Tens	This video is about the Grade 3 topic Multiplication and Division. Students will learn to multiply a 2-digit number by 2,3,4, or 5 with regrouping of tens.	Book 3 Chapter 4: Multiplication and Division	Unit 1: Multiplying Ones and Tens	1.4 Multiplying 2-digit numbers with regrouping of tens
22	Grade 3 Multiplication and Division	This video is about the Grade 3 topic Multiplication and Division. Students will learn to multiply a 2-digit number by 2, 3, 4 or 5 without regrouping.	Book 3 Chapter 4: Multiplication and Division	Unit 1: Multiplying Ones and Tens	1.3 Multiplying 2-digit numbers without regrouping
23	Grade 3 Multiplication and Division	This video is about the Grade 3 topic Multiplication and Division where students will learn about dividing hundreds, tens and ones. Students will learn to divide a 2-digit number by 2, 3, 4 or 5.	Book 3 Chapter 4: Multiplication and Division	Unit 3: Dividing Tens and Ones	3.2 Dividing 2-digit numbers
24	Grade 3 Multiplication and Division	This video is about the Grade 3 topic Multiplication and Division where students will learn about quotient and remainder. Students will learn to divide a 2-digit number with remainder and associate the terms 'quotient' and 'remainder' with division.	Book 3 Chapter 4: Multiplication and Division	Unit 2: Quotient and Remainder	2.2 Dividing with remainder
25	Grade 3 Multiplication and Division	This video is about the Grade 3 topic Multiplication and Division where students will learn about odd and even numbers. Students will learn to divide a 2-digit number by 2 and identify odd and even numbers.	Book 3 Chapter 4: Multiplication and Division	Unit 2: Quotient and Remainder	2.3 Odd and even numbers
26	Grade 3 Multiplying 2-digit Numbers with Regrouping of Ones	This video is about the Grade 3 topic Multiplication and Division where students will learn how to multiply 2-digit numbers by 2,3,4, or 5 with regrouping of ones.	Book 3 Chapter 4: Multiplication and Division	Unit 1: Multiplying Ones and Tens	1.5 Multiplying 2-digit numbers with regrouping of ones
27	Grade 4 Area and Perimeter	This video is about the Grade 4 topic Area and Perimeter where students will learn about measuring perimeter. Students will be able to find the perimeter of a figure made up of 1-centimeter or 1-meter squares and measure the perimeter of a figure.	Book 5 Chapter 16: Area and Perimeter	Unit 1: Perimeter	1.1 Measuring perimeter
28	Grade 4 Area and Perimeter	This video is about the Grade 4 topic Area and Perimeter where students will find the area of a rectangle. Students will be able to find the area of a rectangle given its length and breadth.	Book 5 Chapter 16: Area and Perimeter	Unit 2: Area	2.2 Finding areas of rectangles and squares
29	Grade 4 Area and Perimeter	This video is about the Grade 4 topic where students will learn about Area and Perimeter where students will learn about squares and rectangles. Students will learn to find one side of a rectangle given its perimeter and the other side.	Book 5 Chapter 16: Area and Perimeter	Unit 3: Unknown Sides of Squares and Rectangles	3.1 Finding an unknown side of a rectangle or square given its perimeter
30	Grade 4 Decimals: Tenths	This video is about the Grade 4 topic Decimals where students will learn about tenths.	Book 4 Chapter 10: Decimals	Unit 1: Tenths	1.6 Writing tenths as decimals
31	Grade 4 Fractions: Expressing Improper Fractions as a Whole Number or Mixed Number	This video is about the Grade 4 topic Fractions. Students will learn to write an improper fraction as a whole number or a mixed number.	Book 4 Chapter 4: Mixed Numbers and Improper Fractions	Unit 2: Improper Fractions	2.2 Expressing improper fractions as mixed numbers
32	Grade 4 Fractions: Product of a Fraction and a Whole Number	This video is about the Grade 4 topic Fractions where students will learn about the product of a fraction and a whole number. Students will learn how to find the value of a fractional part of a quantity.	Book 4 Chapter 5: Operations of Fractions	Unit 3: Product of a Fraction and a Whole Number	3.2 Finding a fraction of a set
33	Grade 4 Fractions: Writing Improper Fractions	This video is about the Grade 4 topic Fractions where students will learn how to write improper fractions. Students will learn to interpret an improper fraction as a multiple of a unit fraction and write a whole or a mixed number as an improper fraction.	Book 4 Chapter 4: Mixed Numbers and Improper Fractions	Unit 2: Improper Fractions	2.1 Writing improper fractions
34	Grade 4 The Four Operations of Decimals: Addition of Tenths or Hundredths	This video is about the Grade 4 topic The Four Operations of Decimals where students will learn about adding tenths or hundredths with regrouping. Students will learn how to add tenths with regrouping and add hundredths with regrouping.	Book 5 Chapter 9: Addition and Subtraction of Decimals	Unit 1: Addition	1.2 Adding tenths or hundredths with regrouping
35	Grade 4 The Four Operations of Decimals: Division of Decimals and Whole Numbers by 1-digit Numbers	This video is about the Grade 4 topic The Four Operations of Decimals. Students will learn to divide a decimal by a 1-digit number to get a quotient in tenths and to divide a whole number by a 1-digit number to get a quotient in tenths.	Book 5 Chapter 11: Multiplication and Division of Decimals	Unit 2: Division	2.2 Dividing decimals and whole numbers by 1-digit numbers to get quotients in tenths
36	Grade 4 Whole Numbers	This video is about the Grade 4 topic Whole Numbers where students will learn about finding factors of a whole number. Students will learn to list all factors of a whole number up to 100.	Book 5 Chapter 1: Whole Numbers	Unit 4: Factors	4.1 Finding factors of a whole number
37	Grade 5 Algebra	This video is about the Grade 5 topic Algebra. Students will learn to use a letter to represent an unknown number and to write an algebraic expression in one variable involving addition or subtraction.	Book 6 Chapter 4: Introduction to Algebra	Unit 1: Algebraic Expressions	1.1 Writing algebraic expressions involving addition and subtraction
38	Grade 5 Area of Triangles, Parallelograms and Rhombuses	This video is about the Grade 5 topic Area of Triangles. Students will understand that every triangle has a related rectangle and will learn to find the area of a triangle using a formula.	Book 6 Chapter 14A: Area of Triangles and Quadrilaterals	Unit 1: Area of Triangles	1.3 Finding areas of triangles

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39	Grade 5 Area of Triangles, Parallelograms and Rhombuses	This video is about the Grade 5 topic Areas of Parallelograms and Rhombuses. Students will learn that every parallelogram has a related rectangle and will learn to find the area of a parallelogram using a formula.	Book 6 Chapter 14A: Area of Triangles and Quadrilaterals	Unit 2: Area of Quadrilaterals	2.1 Finding area of parallelograms
40	Grade 5 Average	This video is about the Grade 5 topic Average where students will learn to understand average. Students will learn to find the average of a set of data.	Book 6 Chapter 18: Data Distribution	Unit 1: Mean, Median and Mode	1.1 Finding the mean of a set of data
41	Grade 5 Fractions: Addition of Unlike Fractions	This video is about the Grade 5 topic Fractions where students will learn about addition and subtraction of unlike fractions. Students will learn to add unlike fractions.	Book 5 Chapter 3: Fractions	Unit 1: Addition and Subtraction of Unlike Fractions	1.1 Adding unlike fractions
42	Grade 5 Fractions: Dividing a Fraction by a Whole Number	This video is about the Grade 5 topic Fractions where students will learn to divide a fraction by a whole number.	Book 5 Chapter 3A: More Fractions	Unit 3: Division of Fractions by Whole Numbers	3.1 Dividing fractions by whole numbers
43	Grade 5 Fractions: Division of Whole Numbers by Fractions	This video is about the Grade 5 topic Fractions where students will learn division of whole numbers by fractions.	Book 5 Chapter 3A: More Fractions	Unit 4: Division of Whole Numbers by Fractions	4.1 Dividing whole numbers by fractions
44	Grade 5 Whole Numbers	This video is about the Grade 5 topic Whole Numbers where students will learn about approximation and estimation. Students will learn to estimate sums and differences.	Book 5 Chapter 1: Whole Numbers	Unit 2: Estimation	2.2 Estimating sums and differences
45	Grade 6 Algebra	This video is about the Grade 6 topic Algebra where students will learn about algebraic equations. Students will learn to understand what an equation is and to identify an algebraic equation.	Book 6 Chapter 4A: Algebraic Equations and Inequalities	Unit 1: Algebraic Equations	1.1 Understanding equations
46	Grade 6 Algebra	This video is about the Grade 6 topic Algebra where students will learn about algebraic equations. Students will learn to use the balance method to solve an algebraic equation.	Book 6 Chapter 4A: Algebraic Equations and Inequalities	Unit 1: Algebraic Equations	1.4 Solving algebraic equations using the balance method
47	Grade 6 Circles	This video is about the Grade 6 topic Circles where students will learn about circumference of a circle. Students will learn to relate the circumference of a circle to its diameter and to understand the concept of pi (π).	NA	NA	NA
48	Grade 6 Circles	This video is about the Grade 6 topic Circles where students will learn about the area of a circle. Students will learn to relate the area of a circle to its radius.	NA	NA	NA
49	Grade 6 Decimals: Division of Decimals by Decimals	This video is about the Grade 6 topic Decimals where students will learn about the division of decimals by decimals. Students will learn to divide a decimal with 1 decimal place by a decimal with 1 decimal place.	Book 6 Chapter 6: Decimals	Unit 5: Division of Decimals	5.2A Dividing decimals by decimals
50	Grade 6 Fractions: Dividing a Proper Fraction by a Proper Fraction	This video is about the Grade 6 topic Fractions where students will learn to divide a fraction by a proper fraction.	Book 6 Chapter 3A: Fractions	Unit 1: Division of Fractions by Fractions	1.1 Dividing fractions by fractions