

Class 4 – Term 1

Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
1	N&N Knowing and understanding numbers up to 10,000	M-04-001	Counting up to 5,000 using number line	<ul style="list-style-type: none"> Count in 100's and 500' forward and backward up to 5000.
		M-04-002	Counting up to 10,000 using number line.	<ul style="list-style-type: none"> Count in 1000's, 2000's and 5000's forward and backward up to 10,000
		M-04-003	Place-value up to 10,000	<ul style="list-style-type: none"> Tell the place value of any digit of a number up to 10,000
		M-04-004	Comparing numbers up to 10,000 using place value	<ul style="list-style-type: none"> Compare numbers using place value.
		M-04-005	Reading and writing numbers in numerals up to 10,000 using place value	<ul style="list-style-type: none"> Read and write numbers in numerals up to 10,000
2	N&N Rounding up to 10,000 FACTORS 1	M-04-006	Ordering whole numbers up to 10,000	<ul style="list-style-type: none"> Order numbers in ascending and descending order.
		M-04-007	Rounding whole numbers to the nearest 10	<ul style="list-style-type: none"> Round numbers up to 10,000 to the nearest 10
		M-04-008	Rounding whole numbers to the nearest 100	<ul style="list-style-type: none"> Round numbers up to 10,000 to the nearest 100
		M-04-009	Factors of numbers up to 10	<ul style="list-style-type: none"> Find factors of numbers up to 10
		M-04-010	Factors of numbers up to 20	<ul style="list-style-type: none"> Find factors of numbers up to 20
3	N&N FACTORS 2 Everyday Arithmetic Addition and subtraction up to 10,000	M-04-011	Common factors of numbers up to 10	<ul style="list-style-type: none"> Find common factors of numbers up to 10
		M-04-012	Common factors of numbers up to 20	<ul style="list-style-type: none"> Find common factors of numbers up to 20
		M-04-013	Revision of addition and subtraction up to 1000	<ul style="list-style-type: none"> Add and subtract numbers up to 1,000
		M-04-014	Addition up to 10,000	<ul style="list-style-type: none"> Add numbers up to 10,000
		M-04-015	Subtraction up to 10,000	<ul style="list-style-type: none"> Subtract numbers up to 10,000
4	Everyday Arithmetic Multiplication	M-04-016	Multiplication	Complete Multiplication table (7 and 8 times table)
		M-04-017	Multiplication	Complete Multiplication table (and 10

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				times table)
		M-04-018	Story problems (using all four operation)	Solve simple 2 and 3 digits word problems using 4 operations
		M-04-019	Inverse operation	Carry out inverse operation using addition and subtraction.
		M-04-020	Inverse operation	Carry out inverse operations using multiplication and division
5	Measurement and Estimation Length	M-04-021	Measurements of objects in cm	Measure objects in cm using a ruler
		M-04-022	Measurement of objects in meters	Measure objects in meters using string and rope
		M-04-023	Measurement of objects in feet	Measure objects in meters using a foot-rule
		M-04-024	Word problems about length of small objects (cm)	Solve word problems about short lengths of objects using centimeter
		M-04-025	Word problems about length of long objects (meters and feet)	Solve word problems about long lengths of objects using meter and feet (not in the same problem)
6	Measurement and Estimation Perimeter	M-04-026	Measuring perimeter of objects using cm	Show what the perimeter of an object is Use a ruler to measure the perimeter of some class room objects in cm
		M-04-027	Measuring perimeter of objects using cm	Show what the perimeter of an object is Measure the perimeter of large objects and spaces in meters and centimeter
		M-04-028	Calculating perimeter for rectangles in cm	Know a formula for perimeter of rectangles Calculate the perimeter of rectangles in cm using a formula
		M-04-029	Calculating perimeter for squares in cm	Know a formula for perimeter of rectangles Calculate the perimeter of squares in cm using a formula
		M-04-030	Calculating perimeter for triangles in cm	Know a formula for perimeter of triangles

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				Calculate the perimeter of triangles in cm using a formula
7	Measurement and estimation	M-04-031	Calculate area of objects by counting squares	Show what the area of an object is Calculate area of objects by counting squares
	Area	M-04-032	Calculating area for rectangles in cm ² and m ²	Know the formula for area of rectangles Calculate the area of rectangles in cm ² and m ² using a formula
		M-04-033	Calculating area for squares in cm ² and m ²	Know the formula for area of squares Calculate the area of squares in cm ² and m ² using a formula
		M-04-034	Understanding the relationship between area and perimeter	Draw rectangles that have a given perimeter and area Know the difference between area and perimeter
		M-04-035	Word problems about area and perimeter	Solve word problems about area and perimeter
8	Measurement and estimation	M-04-036	Estimating mass comparatively using non-standard measurement	Compare different weights physically using non-standard measurement
	Mass	M-04-037	Calculating mass using kilograms	Calculate mass in kilograms
		M-04-038	Converting mass: kilograms and local measurement	Calculate conversion between kilograms and buttercups
		M-04-039	Word problems about mass using addition and subtraction	Solve word problems about mass using addition and subtraction
		M-04-040	Word problems about mass using four operations	Solve word problems about mass using the four operations
9	Algebra	M-04-041	Using sticks to find and describe number patterns	Use sticks to find and describe number patterns
		M-04-042	Using the 100 number square to find and describe number patterns	Use the 100 number square to find and describe number patterns
		M-04-043	Use a calendar to find and describe number patterns	Use a calendar to find and describe number patterns

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		M-04-044	Representing number patterns visually	Represent number patterns visually (what could this pattern look like: 1, 3, 5,....)
		M-04-045	Finding and describing patterns out of class	Find and describe patterns out of class
10	Algebra – number patterns (2 lessons)	M-04-046	Finding the missing term in number patterns	Find the missing term in number patterns
	Everyday Arithmetic Multiplication (3 lessons)	M-04-047	Writing rules for number patterns in words	Write rules for number patterns in words (for example the pattern 1, 3, 5, ...- the rule is: start from 1 and add 2 each time to the previous number
		M-04-048	Multiplication using the 7 and 8 times table	Solve multiplication problems by using the 7 and 8 times table (not long multiplication)
		M-04-049	Multiplication using the 9 and 10 times table	Solve multiplication problems by using the 9 and 10 times table (not long multiplication)
		M-04-050	Long multiplication (2 digit by 1digit number) without renaming	Multiply 2 digit numbers by 1 digit number using long multiplication, without renaming
11	Everyday Arithmetic	M-04-051	Long multiplication (2 digit by 1digit number) with renaming	Multiply 2 digit numbers by 1 digit number using long multiplication with renaming
	Long multiplication	M-04-052	Long multiplication (3 digit by 1 digit number) without and with renaming	Multiply 3 digit numbers by 1 digit number using long multiplication with and without renaming
		M-04-053	Long multiplication (3 digit by 2 digit number) without renaming	Multiply 3 digit numbers by 2 digit number using long multiplication without renaming
		M-04-054	Long multiplication (3 digit by 1 digit number) with renaming	Multiply 3 digit numbers by 1 digit number using long multiplication with renaming
		M-04-055	Long multiplication (4 digit by 1 digit number) without and with renaming	Multiply 4 digit numbers by 1 digit number using long multiplication

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				with and without renaming
12	Everyday Arithmetic Long division	M-04-056	Division of 2 digit whole number by 1 digit number without remainder using long division	Divide a 2 digit whole number by 1 digit number without remainder using long division
		M-04-057	Division of 2 digit whole number by 1 digit number with remainder using long division	Divide a 2 digit whole number by 1 digit number with remainder using long division
		M-04-058	Checking division calculations without remainder by using estimation	Check division calculations without remainder by using estimation
		M-04-059	Division of 3 digit whole number by 1 digit number without remainder using long division	Divide 3 digit whole number by 1 digit number without remainder using long division
		M-04-060	Division of 3 digit whole number by 1 digit number with remainder using long division	Divide 3 digit whole number by 1 digit number with remainder using long division
13		Revisions		
14		Examinations		

Class 4 – Term 2

Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
1	GEOMETRY Volume and capacity	M-04-061	volume and capacity	Identify capacity and volume by comparing and contrasting
		M-04-062	Estimating volume and capacity	Estimate volume and capacity
		M-04-063	Volume using standard measure (not conversion)	Calculate capacity using standard measure (not conversion)
		M-04-064	Capacity using standard measure (not conversion)	Calculate capacity using standard measure (not conversion)
		M-04-065	Word problem involving volume and capacity	Solve word problem involving volume and capacity
2	NUMBER AND NUMBERATION Fractions	M-04-066	Like fractions with denominator up to 12	Identify, read, write and model like fractions with denominator up to 12
		M-04-067	Compare and order like fractions	Compare, order and model like fractions with denominator up to 12
		M-04-068	Equivalent fractions	Identify and compare equivalent fractions with denominator up to 12
		M-04-069	Related fractions with denominator up to 12	Compare, order and model related fractions with denominator up to 12
		M-04-070	Equivalent, like and related fractions	Compare and order equivalent, like and related fractions
3	Everyday arithmetic Subtraction and addition of fractions	M-04-071	Compare equivalent fractions and fractions greater than one	Compare equivalent fraction and fractions greater than one
		M-04-072	Addition of equivalent fractions	Add equivalent fractions with denominator up to 12
		M-04-073	Subtraction of equivalent fractions	Subtract equivalent fractions with denominator up to 12
		M-04-074	Addition and subtraction of equivalent fractions	Solve problems involving addition and subtraction of equivalent fractions with denominator up to 12

		M-04-075	Word problems involving addition and subtraction of fractions	Solve word problems involving addition and subtraction of fractions with denominators up to 12
4	GEOMETRY Lines and angles	M-04-076	Horizontal and vertical lines.	Identify horizontal and vertical lines. Draw horizontal and vertical lines.
		M-04-077	Perpendicular and parallel lines	Identify perpendicular and parallel lines Draw perpendicular and parallel lines.
		M-04-078	Identifying and naming angles (equal to, greater or less than a right angle)	Identify types of angles Name types of angles
		M-04-079	Drawing angles (equal to, greater or less than a right angle)	Draw different types of angles
		M-04-080	Comparing angles inside and outside of the classroom	Compare different types of angles inside and outside of the classroom
5	EVERDAY ARITHMETIC Multiplication of fractions	M-04-081	Multiplication of like fractions with denominator up to 6	Model multiplication of like fractions with denominator up to 6 by a whole number
		M-04-082	Multiplication of like fractions with denominator up to 12	Model multiplication of like fractions with denominator up to 12 by a whole number
		M-04-083	Multiplication of like fractions with denominator up to 12	Multiply like fractions with denominator up to 12 by a whole number
		M-04-084	Multiplication of related fractions with denominator up to 6	Model multiplication of related fractions with denominator up to 6 by a whole number up to 12
		M-04-085	Multiplication of related fractions with denominator up to 12	Model multiplication of related fractions with denominator up to 12 by a whole number up to 12
6	EVERDAY ARITHMETIC Multiplication of fractions	M-04-086	Multiplication of related fractions with denominator up to 12	Multiply related fractions with denominator up to 12 by a whole number up to 12
		M-04-087	Multiplication of proper fractions with denominator up to 12	Multiply proper fractions with denominator up to 12 by a whole number up to 6

		M-04-088	Multiplication of proper fractions with denominator up to 12	Multiply proper fractions with denominator up to 12 by a whole number up to 12
		M-04-089	Word problems involving proper fractions with denominator up to 6	Solve word problems involving multiplication and proper fractions with denominators up to 6
		M-04-090	Word problems involving proper fractions with denominator up to 12	Solve word problems involving multiplication and proper fractions with denominators up to 12
7	NUMBER AND NUMERATION Knowing and understanding numbers up to 100,000	M-04-091	Counting numbers forwards and backwards in multiples of 10 to 100 up to 100,000	Count numbers forwards in multiples of 10 and 100 up to 100,000 Count numbers backwards in multiples of 10 and 100 up to 100,000
		M-04-092	Reading and writing whole numbers up to 100,000 in numerals	Read whole numbers up to 100,000 in numerals Write whole numbers up to 100,000 in numerals
		M-04-093	Reading and writing whole number up to 100,000 in words	Read whole numbers up to 100,000 in words Write whole numbers up to 100,000 in words
		M-04-094	Comparing and ordering whole numbers up to 100,000	Compare and order whole numbers up to 100,000 Locate whole numbers on a number line up to 100,000
		M-04-095	Rounding whole numbers up to 100,000 to the nearest 10 or 100.	Round whole numbers up 100,000 to the nearest 10 or 100
8	EVERYDAY ARITHMETIC Addition and subtraction up to 100,000, including money	M-04-096	Adding numbers up to 5000	→ Add numbers to 5000
		M-04-097	Adding numbers up to 10,000	→ Add numbers up to 10,000
		M-04-098	Addition of money up to Le 5,000.00	→ Add of money up to Le 5,000.00
		M-04-099	Addition of money up to Le 10,000.00	→ Add of money up to Le 10,000.00
		M-04-100	Subtracting numbers up to 50,000	→ Subtract numbers up to 50,000

9	EVERYDAY ARITHMETIC Addition and subtraction up to 100,000, including money	M-04-101	Subtracting numbers up to 100,000	➤ Subtract numbers up to 100,000
		M-04-102	Subtracting of money up to Le 20,000.00	→ Subtract money up to Le 20,000.00
		M-04-103	Subtracting of money up to Le 50,000.00	→ Subtract money up to Le 50,000.00
		M-04-104	Addition and subtraction of numbers up to 50,000	➤ Add and subtract numbers up to 50,000
		M-04-105	Addition and subtraction of numbers up to 100,000	➤ Add and subtract numbers up to 100,000
10	NUMBER AND NUMERATION Decimals and fractions	M-04-106	Fractions with denominator of 10	Write equivalent fractions with 10 as denominator
		M-04-107	Fractions with denominator of 10 on numberline	Locate fractions with denominator of 10 on a numberline
		M-04-108	Fractions as decimals	Write fractions with denominator of 10 as decimals
		M-04-109	Decimals as fractions	Write decimals with 1 DP as fractions with denominator of 10
		M-04-110	Ordering fractions and decimals	Order decimals with 1 DP and fractions with denominator of 10
11	Everyday arithmetic Addition and subtraction of decimals with 1DP	M-04-111	Addition of decimals with 1 DP	Solve simple addition problems of decimals with 1DP
		M-04-112	Addition of decimals with 1 DP	Solve more complex addition problems of decimals with 1DP
		M-04-113	Subtraction of decimals with 1 DP	Solve simple subtraction problems of decimals with 1DP
		M-04-114	Subtraction of decimals with 1 DP	Solve more complex subtraction problems of decimals with 1DP
		M-04-115	Word problems involving addition and subtraction of numbers with 1 DP	Solve word problems involving addition and subtraction of numbers with 1 DP
12	Everyday arithmetic	M-04-116	Multiplication of decimals with 1 DP by a whole number	Solve simple multiplication problems of decimals with 1DP by a whole number

	Multiplication of decimals with 1DP	M-04-117	Multiplication of decimals with 1 DP by a whole number	Solve more complex multiplication problems of decimals with 1DP by a whole number
		M-04-118	Word problems involving multiplication of numbers with 1 DP and a whole number	Solve simple word problems involving multiplication of numbers with 1 DP
		M-04-119	Word problems involving multiplication of numbers with 1 DP and a whole number	Solve more complex word problems involving multiplication of numbers with 1 DP
		M-04-120	Word problems involving addition, subtraction and multiplication of numbers with 1 DP	Solve word problems involving addition, subtraction and multiplication of numbers with 1 DP

		Class 4 – Term 3		
Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
1	Measurement and Estimation Time	M-04-121	Telling the time to the nearest minute on an analogue clock	tell the time in hours and half hours using 12 hour clock face. Use appropriate language to tell the time
		M-04-122	Telling the time to the nearest minute on a digital clock	tell the time in quarters of an hour using 12 hour clock face. Use appropriate language to tell the time
		M-04-123	Converting between 12 and 24 hour time	tell the time to 5 minutes using a 12 hour clock face. Know the number of minutes in an hour Use appropriate language to tell the time
		M-04-124	Estimating and measuring the duration of an event	tell the time to the nearest minute using a 12 hour clock face. Use appropriate language to tell the time
		M-04-125	Word problems involving time	Solve word problems about time involving second, minute, hour, week, month, year (not conversion)
2	Everyday Arithmetic (include Financial Literacy) Multiplication and division	M-04-126	Multiplication of whole numbers up to 5 digits by 10	Multiply whole numbers up to 5 digits by 10
		M-04-127	Multiplication of decimals to 1 DP by 10	Multiply decimals to 1 DP by 10
		M-04-128	Division of whole numbers up to 5 digits by 10	Divide whole numbers up to 5 digits by 10
		M-04-129	Division of decimals to 1 DP by 10	Divide decimals to 1 DP by 10
		M-04-130	Mental strategies for multiplication and division by 10	Use mental strategies to multiply and divide by 10

3	Everyday Arithmetic (include Financial Literacy) Problems with four operations	M-04-131	Order of operations	Use the order of operations in calculations
		M-04-132	Word problems involving order of operations and money	Solve up to three-step word problems involving order of operations and money
		M-04-133	Word problems involving the four operations and money	Solve up to three-step word problems involving the four operations and money
		M-04-134	Estimating strategies to check answer for reasonableness	Use estimation to check answers for reasonableness
		M-04-135	Inverse operations to check answer for reasonableness	Use inverse operations to check answers for reasonableness
4	Everyday Arithmetic (include Financial Literacy) fractions	M-04-136	Equivalent fractions	Calculate and identify equivalent fractions with denominators up to 12
		M-04-137	Addition of equivalent fractions	Add equivalent fractions with denominators up to 12
		M-04-138	Subtraction of equivalent fractions	Subtract equivalent fractions with denominators up to 12
		M-04-139	Multiplication of equivalent fractions	Multiply equivalent fractions with denominators up to 12
		M-04-140	Multiplication of fractions	Multiply fractions with denominators up to 12
5	Statistics and Probability 2 weeks Data handling: continuous data	M-04-141	Making up a plan for data collection (2 lessons)	Decide on questions to ask in a survey Devise a plan for data collection for continuous data
		M-04-142	Making up a plan for data collection and piloting	Devise a plan for data collection Run a small statistical pilot study
		M-04-143	Putting the data collection plan into action	Put a data collection plan into action Organize and work in a team as data collectors

		M-04-144	Devising a plan for writing a report to the Minister with the findings of the survey (2 lessons)	Plan for writing a statistical report, including how to represent the data using histogram
		M-04-145	Devising a plan for writing a report to the Minister with the findings of the survey	Plan for writing a statistical report, including how to represent the data
6	Statistics and Probability 2 weeks Data handling: continuous data	M-04-146	Writing the report to the Minister with the findings of the survey (2 lessons)	<ul style="list-style-type: none"> • Write a statistical report • Represent data using bar charts Work out the mean and put it in context
		M-04-147	Writing the report to the Minister with the findings of the survey (2 lessons)	<ul style="list-style-type: none"> • Write a statistical report • Represent data using bar charts Work out the mean and put it in context
		M-04-148	presenting a statistical report	Present a statistical report
		M-04-149	presenting a statistical report	Present a statistical report
		M-04-150	Word problems involving statistics	Solve 2 step word problems involving statistics

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