

Class 6 – Term 1

Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
1	N &N Knowing and using numbers up to 1,000,000	M-06-001	Place value system up to 1,000,000	<ul style="list-style-type: none"> Tell the place value of any digit of a number up to 1,000,000
		M-06-002	Counting forwards and backwards from any number in multiples of powers of 10 up to 1,000,000	<ul style="list-style-type: none"> Count forwards and backwards from any number in multiples of powers of 10 up to 1,000,000
		M-06-003	Write and read numbers in numerals up to 1,000,000	<ul style="list-style-type: none"> Write and read numbers up to 1,000,000 in numerals
		M-06-004	Write and read numbers in words up to 1,000,000	<ul style="list-style-type: none"> Read numbers in words up to 1,000,000 write numbers in words
		M-06-005	Compare and order numbers up to 1,000,000 using place value and the number line	<ul style="list-style-type: none"> Compare and order numbers up to 1,000,000
2	N&N Knowing and using numbers up to 10,000,000	M-06-006	Place value system up to 10,000,000	<ul style="list-style-type: none"> Tell the place value of any digit of a number up to 10,000,000
		M-06-007	Counting forwards and backwards from any number in multiples of powers of 10 up to 10,000,000	<ul style="list-style-type: none"> Count forwards from any number in multiples of powers of 10 up to 10,000,000
		M-06-008	Counting backwards from any number in multiples of powers of 10 up to 10,000,000	<ul style="list-style-type: none"> Count backwards from any number in multiples of powers of 10 up to 10,000,000
		M-06-009	Write and read numbers in numerals up to 10,000,000	<ul style="list-style-type: none"> Write and read numbers up to 10,000,000 in numerals
		M-06-010	Compare and order numbers up to 10,000,000 using place value and the number line	<ul style="list-style-type: none"> Compare and order numbers up to 10,000,000
3	N&N Numbers and rounding up to 10,000,000	M-06-011	Reading and writing numbers up to 100,000	<ul style="list-style-type: none"> Read and write numbers up to 100,000
		M-06-012	Reading and writing numbers up to 10,000,000	<ul style="list-style-type: none"> Read and write numbers up to 10,000,000
		M-06-013	Round numbers up to 100,000 to the nearest 10, 100, 1 000, 10 000	<ul style="list-style-type: none"> Round numbers up to 100,000 to the nearest 10, 100, 1 000, 10 000

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		M-06-014	Round numbers up to 1 000,000 to the nearest 10, 100, 1 000, 10 000, 100 000, 1 000 000	<ul style="list-style-type: none"> Round numbers up to 1 000 000 to the nearest 10, 100, 1 000, 10 000, 100 000
		M-06-015	Round numbers up to 10 000,000 to the nearest 10, 100, 1 000, 10 000, 100 000, 1 000 000	<ul style="list-style-type: none"> Round numbers up to 10 000,000 to the nearest 10, 100, 1 000, 10 000, 100 000, 1 000 000
4	Everyday arithmetic	M-06-016	Addition of numbers up to 1,000,000	<ul style="list-style-type: none"> Add numbers up to 1,000,000
	Operation with numbers	M-06-017	Subtraction of numbers up to 1,000,000	<ul style="list-style-type: none"> Subtract numbers up to 1,000,000
		M-06-018	Multiplication of 3 digits numbers by 2 digits numbers	<ul style="list-style-type: none"> Multiply 3 digits numbers by 2 digit numbers
		M-06-019	Multiplication of 4 and 7 digit numbers by 2 digit numbers	<ul style="list-style-type: none"> Multiplying 4 to 5 digit number by 2 digit numbers, multiplying 6-7 digit numbers by 2 digit numbers
		M-06-020	Multiplication of 1 and 2 decimal place numbers by 1 digit number	<ul style="list-style-type: none"> Multiplying 1 decimal place number by 1 digit number, multiplying 2 decimal place number by 1 digit number
5	Everyday arithmetic	M-06-021	Multiplication of 3 to 4 decimal place numbers by 2 digit numbers	<ul style="list-style-type: none"> Multiply 3 decimal place numbers by 2 digit numbers, multiply 4 decimal place numbers by 2 digit numbers
	Operations with numbers	M-06-022	Multiplication of 1 decimal place numbers by 1 decimal place numbers	<ul style="list-style-type: none"> Multiple 1 decimal place numbers by 1 decimal place numbers
		M-06-023	Multiplication of 2 decimal place numbers by 1 decimal place numbers	<ul style="list-style-type: none"> Multiply 2 decimal place numbers by 1 decimal place number
		M-06-024	Multiplication of 3 decimal place numbers by 2 decimal place numbers	<ul style="list-style-type: none"> Multiply 3 decimal place number by 2 decimal place numbers
		M-06-025	Division of 3 to 4 digit numbers by 2 digit numbers	<ul style="list-style-type: none"> Divide 3 digit numbers by 2 digit number, divide 4 digit number by 2 digit numbers
6	Everyday arithmetic	M-06-026	Division of 5 to 6 digit numbers by 2 digit numbers	<ul style="list-style-type: none"> Divide 5 digit numbers by 2 digit numbers, divide 6 digit numbers by 2 digit numbers
	Operation with numbers	M-06-027	Division of 1 decimal place numbers by 1 decimal place numbers	<ul style="list-style-type: none"> Divide 1 decimal place number by 1 decimal place number
		M-06-028	Division of 2 decimal place number by 1	<ul style="list-style-type: none"> Divide 2 decimal place numbers by 1 decimal

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			decimal place	place numbers
		M-06-029	Division of 2 decimal place numbers by 2 decimal place numbers	<ul style="list-style-type: none"> Divide 2 decimal place numbers by 2 decimal place numbers
		M-06-030	Division of 3 decimal place numbers by 2 decimal place numbers	<ul style="list-style-type: none"> Divide 3 decimal place numbers by 2 decimal place numbers
7	Everyday arithmetic	M-06-031	Multiplication of whole numbers by 10	<ul style="list-style-type: none"> Multiply whole numbers by 10
	Multiplication and division by 10,100,1000	M-06-032	Multiplication of whole numbers by 100	<ul style="list-style-type: none"> Multiply whole numbers by 100
		M-06-033	Multiplication of whole numbers by 1000	<ul style="list-style-type: none"> Multiply whole numbers by 1000
		M-06-034	Division of whole number by 10	<ul style="list-style-type: none"> Divide whole numbers by 10
		M-06-035	Division of whole numbers By 100	<ul style="list-style-type: none"> Divide whole numbers by 100
8	Everyday arithmetic	M-06-036	Division of whole numbers by 1000	<ul style="list-style-type: none"> Divide whole numbers by 1000
	Multiplying and dividing by 10,100,1000	M-06-037	Word problems involving the four operations	<ul style="list-style-type: none"> Solve simple word problems involving the four operations
		M-06-038	More word problems involving the four operations	<ul style="list-style-type: none"> Solve more complex word problems involving the four operations
		M-06-039	Place value of decimal Numbers up to thousands	<ul style="list-style-type: none"> Identify place value columns of decimals, show place value of decimal numbers
		M-06-040	Place value of whole and decimal numbers	<ul style="list-style-type: none"> Identify place value columns of whole and decimal numbers , show place value of both
9	Number and numeration	M-06-041	Identifying and adding even and odd numbers	<ul style="list-style-type: none"> Identify even and odd numbers Add even and odd numbers
	Classification of numbers	M-06-042	Prime and composite numbers	<ul style="list-style-type: none"> Identify prime and composite numbers Differentiate between prime and composite numbers
		M-06-043	Factors and multiples	<ul style="list-style-type: none"> Show difference between factors and multiples Write factors and multiples of numbers from 1 to 12
		M-06-044	Prime factors	<ul style="list-style-type: none"> -Identify factors that are prime from a list of factors
		M-06-045	Common factors and common multiples	<ul style="list-style-type: none"> List factors that are common from a set of

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				factors <ul style="list-style-type: none"> List multiples that are common from a list of multiples
10	Algebra Number patterns	M-06-046	Increasing numbers with a common difference	<ul style="list-style-type: none"> Complete a sequence by adding the common difference Describe a rule for the sequence
		M-06-047	Increasing numbers patterns Without a common difference	<ul style="list-style-type: none"> Complete a sequence by adding different numbers Describe a rule for the sequence
		M-06-048	Decreasing number patterns With a common difference	<ul style="list-style-type: none"> Complete a sequence by subtracting a common difference Describe a rule for the sequence
		M-06-049	Decreasing numbers patterns without a common difference	<ul style="list-style-type: none"> Complete a sequence by subtracting different numbers Describe a rule for the sequence
		M-06-050	Multiplication in number patterns with a common difference	<ul style="list-style-type: none"> Complete a sequence by multiplying with a common number Describe a rule for the sequence
11	Algebra Number patterns	M-06-051	Multiplication in number patterns without a common difference	<ul style="list-style-type: none"> Complete a sequence using multiplication by different multiples Describe a rule for the sequence
		M-06-052	Division in number patterns with a common factor	<ul style="list-style-type: none"> Complete a sequence using division by a common factor Describe a rule for the sequence
		M-06-053	Division in number patterns without a common factor	<ul style="list-style-type: none"> Complete a sequence using division by different factors Describe a rule for the sequence
		M-06-054	Writing sequences with multiples of 2 and 3	<ul style="list-style-type: none"> Write a sequence with multiples of 2 and 3 Describe a rule for the sequence
		M-06-055	Writing sequences with multiples of 4 and 5	<ul style="list-style-type: none"> Write a sequence with multiples of 4 and 5 Describe a rule for the sequence
12	Measurement and estimation	M-06-056	Measuring lengths of Objects in feet and inches	<ul style="list-style-type: none"> Measure different length in the classroom in feet and inches

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	Length	M-06-057	Conversion of lengths from inches to feet and feet to inches	<ul style="list-style-type: none"> • Convert from inches to feet • Convert from feet to inches
		M-06-058	Measuring lengths of Objects in millimeters and centimeters	<ul style="list-style-type: none"> • Measure different lengths in the classroom in millimeters and centimeters
		M-06-059	Conversion of lengths centimeters to millimeters and millimeters to centimeters	<ul style="list-style-type: none"> • Convert from millimeters to centimeters • Convert from centimeters to millimeters
		M-06-060	Conversion of lengths from meters to kilometers and from kilometers to meters	<ul style="list-style-type: none"> • Convert from meters to kilometers • Convert from kilometers to meters
13			Revisions	
14			Examinations	

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Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
1	Statistics and probability	M-06-061	Making up a plan for data collection	<ul style="list-style-type: none"> Decide on questions to ask in a survey Devise a plan for data collection
		M-06-062	Making up a plan for data collection	<ul style="list-style-type: none"> Decide on questions to ask in a survey Devise a plan for data collection
	Data handling	M-06-063	Putting the data collection plan into action	<ul style="list-style-type: none"> Put a data collection plan into action Organize and work in a team as data collectors
		M-06-064	Calculating the mean, median and more of discrete data	<ul style="list-style-type: none"> Calculate the mean, median and mode of discrete data
		M-06-065	Devising a plan for a statistical report with the findings of the survey	<ul style="list-style-type: none"> Plan for writing a statistical report, including how to represent the data
2	Statistics and probability	M-06-066	Writing a statistical report with the findings of the survey (3 lessons)	<ul style="list-style-type: none"> Write a statistical report, including how to represent the data Represent data using line charts Work out the mean, median, mode and put it in context
		M-06-067	Writing a statistical report with the findings of the survey (3 lessons)	<ul style="list-style-type: none"> Write a statistical report, including how to represent the data Represent data using line charts Work out the mean, median, mode and put it in context
	Data handling	M-06-068	Writing a statistical report with the findings of the survey (3 lessons)	<ul style="list-style-type: none"> Write a statistical report, including how to represent the data Represent data using line charts Work out the mean, median, mode and put it in context
		M-06-069	presenting a statistical report	<ul style="list-style-type: none"> Present a statistical report
		M-06-070	presenting a statistical report	<ul style="list-style-type: none"> Present a statistical report
3	Number and numeration (fractions)	M-06-071	Like fractions with denominator up to 12 (revision)	Identify, compare and order like fractions with denominator up to 12
		M-06-072	Equivalent fractions (revision)	Identify, compare and order equivalent fractions with denominator up to 12
		M-06-073	Mixed number and improper fraction	Convert mixed number fractions into improper Fractions

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Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
		M-06-074	Improper and mixed number fraction	Convert improper fractions into mixed number fractions
		M-06-075	Expressing fractions in their lowest form	Express fractions in their lowest form
4	Everyday arithmetic fractions	M-06-076	Addition and subtraction of fractions	Add and subtract of fractions with denominator up to 12
		M-06-077	Multiplication of fractions	Multiply fractions with denominator up to 12
		M-06-078	Division of fractions	Divide fractions with denominator up to 12
		M-06-079	Combining 2 or more operations in fractions	-solve simple fractions involving 2 or more operations
		M-06-080	Word problems in fractions including multi-step problems	Solve problems in fractions including multi-step problems
5	Geometry perimeters and areas	M-06-081	Perimeter of shapes	calculate the perimeter of triangles using a formula calculate the perimeter of square and rectangle using formula
		M-06-082	Finding the perimeter of Irregular shapes	calculate the perimeter of irregular shapes
		M-06-083	Area of square and rectangle	Calculate the area of a square using the formula Calculate the area of a rectangle using the formula
		M-06-084	Area of triangle	Calculate the area of a triangle using the formula
		M-06-085	Area of composite shapes	Calculate the area of composite shapes
6	Everyday Arithmetic: decimal and fractions	M-06-086	Fractions with denominator of 10, 100 (revision)	Write equivalent fractions with 10, 100 as denominator
		M-06-087	Fractions with denominator of 1,000	Write equivalent fractions with 1,000 as denominator
		M-06-088	Fractions as decimal and vice versa	Write fractions with denominator of 10, 100 and 1,000 as decimals and vice versa
		M-06-089	Ordering fractions and decimals	Order decimals and fractions, including mixed number fractions
		M-06-090	Equivalence between fractions, decimals	Calculate equivalences between fractions and decimals
7	Geometry	M-06-091	Properties of right angled triangle	-draw right angled triangle correctly -identify the properties of a right angled triangle

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	triangles	M-06-092	Properties of isosceles triangle	-draw an isosceles triangle correctly -identify the properties of an isosceles triangle
		M-06-093	Properties of an equilateral triangle	-draw an equilateral triangle correctly -identify the properties of an equilateral triangle
		M-06-094	Comparing right angled triangle and isosceles triangle	-compare a right angled triangle and an isosceles triangle
		M-06-095	Comparing isosceles triangle and equilateral triangle	-compare an isosceles triangle and an equilateral triangle
8	Number and numeration decimal and percentages	M-06-096	Conversion of fractions of decimal	Convert fractions to decimals
		M-06-097	Conversion of decimals to fractions	Convert decimals to fractions
		M-06-098	Conversion of fractions to percentages and from percentages to fractions	-convert fractions to percentages -convert percentages to fractions
		M-06-099	Conversion of percentages to decimals	Convert percentages to decimals
		M-06-100	Conversion of decimals to percentages	Convert decimals to percentages
9	Everyday Arithmetic percentage	M-06-101	Percentage of a quantity – simple problem	Solve simple problems to find the percentage of a given quantity
		M-06-102	Percentage of a quantity – more complex problems	Solve more complex problems to find the percentage of a given quantity
		M-06-103	Profit and loss as percentages	Solve problems on profit and loss as percentage
		M-06-104	Word problems involving profit and loss as percentage	Solve simple word problems involving profit and loss as percentage
		M-06-105	Simple interest	Solve problems involving simple interest using formula
10	measurement and estimation time	M-06-106	12 hour and 24hour clock	Calculate time between 2 events using 12 hour and 24 hour clock
		M-06-107	A.m. and p.m.	Calculate time between 2 events using a.m. and p.m.
		M-06-108	Addition and subtraction with time	add time in hours, minutes and seconds subtract in hours, minutes and time
		M-06-109	Time intervals in hours, months, weeks and days	Determine the number of months, weeks and days between two events
		M-06-110	Word problems involving time between	Solve word problems involving calculations of time

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			two events	between two events
11	Geometry angles	M-06-111	Sum of angles in a triangle	Know that the sum of the angles in a triangle equals 180° -solve simple problems giving one unknown angle in a triangle
		M-06-112	Finding unknown angles in a triangle	-solve harder problems in finding the unknown angle in a triangle
		M-06-113	Sum of angles in a quadrilateral	Know that the sum of the angles in a quadrilateral equals 360° solve simple problems about unknown angles in quadrilaterals
		M-06-114	Angles in a composite figure	Solve simple problems in finding the unknown angle in a composite figure
		M-06-115	Angles in a composite figure	Solve harder problems in finding the unknown angle in a composite figure
12	Algebra Sequences	M-06-116	Sequence of square numbers	Identify a sequence involving square numbers Find up to 10 terms of that sequence
		M-06-117	Rule of sequences involving square numbers	Describe a rule for sequences involving square numbers
		M-06-118	Sequence of cube numbers	Identify a sequence involving cube numbers Find up to 10 terms of that sequence
		M-06-119	Rule of sequences involving cubed numbers	Describe a rule for sequences involving cube numbers
		M-06-120	Sequences involving triangular numbers	Identify a sequence involving triangular numbers Find up to 10 terms of that sequence

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Week	Weekly Topic	LP-ID	Daily Lesson Title	Daily Learning Outcome(s)
1	Statistics and probability	M-06-121	Representing discrete data	Draw bar charts, pictograms from tables of data
		M-06-122	Representing continuous data	Draw histograms from tables of data
	Data handling	M-06-123	Interpreting bar charts	Read and interpret bar charts
		M-06-124	Interpreting histograms	Read and interpret histograms
		M-06-125	Interpreting data from pie charts	Read and interpret pie charts (not draw)
2	Statistics and probability	M-06-126	Word problems involving pie charts	Solve word problems involving pie charts
		M-06-127	Mode of discrete data	Calculate the mode of discrete data
	Data handling	M-06-128	Median of discrete data	Calculate the median of discrete data
		M-06-129	Mean of discrete data	Calculate the mean of discrete data
		M-06-130	Appropriate average	Decide which average (mean, mode, median) is the most appropriate in the context of the data Calculate the mean, mode, median of discrete data
3	Geometry	M-06-131	Angles in triangles	Calculate missing angles in triangles
	Angles revision	M-06-132	Angles in quadrilaterals	Calculate missing angles in quadrilaterals
		M-06-133	Types of angles	Classify angles as right angles, obtuse, acute angles
		M-06-134	Angles on a straight line	Calculate missing angles on a straight line
		M-06-135	Angles in composite shapes	Calculate missing angles in composite shapes
4	Number and Numeration; Everyday Arithmetic (include Financial Literacy)	M-06-136	Proportion and fraction	Express fractions as proportion
		M-06-137	Proportion and ratio	Convert proportion into ratio
	Ratio and proportion	M-06-138	Ratio and proportion	Convert ratio into proportion
		M-06-139	Equivalent ratio	Calculate equivalent ratios Solve problems involving equivalent ratio
		M-06-140	Writing ratio in its simplest form	Write ratio in its simplest form
5	Number and Numeration; Everyday Arithmetic (include Financial Literacy)	M-06-141	Sharing quantities using ratio	Calculate shared quantities using ratio
		M-06-142	Word problems with ratio	Solve simple word problems involving ratio
	Ratio and proportion	M-06-143	Direct proportion	Calculate increasing quantities using direct proportion
		M-06-144	Direct proportion	Calculate decreasing quantities using direct proportion
		M-06-145	Word problems with ratio	Solve simple word problems involving ratio

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6	Everyday Arithmetic (include Financial Literacy)	M-06-146	Solving word problems involving fraction	Solve word problems involving fractions with denominator up to 12
		M-06-147	Devising word problems involving fractions	Devise word problems involving fractions with denominator up to 12
	Word problems	M-06-148	Solving word problems involving decimal and percentages	Solve word problems involving decimals and percentages
		M-06-149	Devising word problems involving decimals and percentages	Devise word problems involving decimals and percentages
		M-06-150	Word problems involving ratio and proportion	Devise and solve word problems involving ratio and proportion

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