| **Class 6 – Term 1** | | | | | |
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| **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 | * 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 | * 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 | * 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 | * 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 | * 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 | * 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 | * 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 | * 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 | * 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 | * 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 | * Read and write numbers up to 100,000 |
| M-06-012 | | Reading and writing numbers up to 10,000,000 | * 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 0000 | * Round numbers up to 100,000 to the nearest 10, 100, 1 000, 10 0000 |
| M-06-014 | | Round numbers up to 1 000,000 to the nearest 10, 100, 1 000, 10 0000, 100 000, 1 000 000 | * Round numbers up to 1 000 000 to the nearest 10, 100, 1 000, 10 0000, 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 | * Round numbers up to 10 000,000 to the nearest 10, 100, 1 000, 10 000, 100 000, 1 000 000 |
| 4 | Everyday arithmetic  Operation with numbers | M-06-016 | | Addition of numbers up  To 1,000,000 | * Add numbers up to 1,000,000 |
| M-06-017 | | Subtraction of numbers  Up to 1,000,000 | * Subtract numbers up to 1,000,000 |
| M-06-018 | | Multiplication of 3 digits  Numbers by 2 digits numbers | * Multiply 3 digits numbers by 2 digit numbers |
| M-06-019 | | Multiplication of 4 and  7 digit numbers by 2 digit numbers | * 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  1 digit number | * Multiplying 1 decimal place number by 1 digit number, multiplying 2 decimal place number by 1 digit number |
| 5 | Everyday arithmetic  Operations with numbers | M-06-021 | | Multiplication of 3 to 4 decimal place numbers by 2 digit numbers | * Multiply 3 decimal place numbers by 2 digit numbers , multiply 4 decimal place numbers by 2 digit numbers |
| M-06-022 | | Multiplication of 1 decimal place numbers by 1 decimal place numbers | * Multiple 1 decimal place numbers by 1 decimal place numbers |
| M-06-023 | | Multiplication of 2 decimal place numbers by 1 decimal place numbers | * Multiply 2 decimal place numbers by 1 decimal place number |
| M-06-024 | | Multiplication of 3 decimal place numbers by 2 decimal place numbers | * Multiply 3 decimal place number by 2 decimal place numbers |
| M-06-025 | | Division of 3 to 4 digit numbers by 2 digit numbers | * Divide 3 digit numbers by 2 digit number, divide 4 digit number by 2 digit numbers |
| 6 | Everyday arithmetic  Operation with numbers | M-06-026 | | Division of 5 to 6 digit numbers by 2 digit numbers | * Divide 5 digit numbers by 2 digit numbers, divide 6 digit numbers by 2 digit numbers |
| M-06-027 | | Division of 1 decimal place numbers by 1 decimal place numbers | * Divide 1 decimal place number by 1 decimal place number |
| M-06-028 | | Division of 2 decimal place number by 1 decimal place | * Divide 2 decimal place numbers by 1 decimal place numbers |
| M-06-029 | | Division of 2 decimal place numbers by 2 decimal place numbers | * Divide 2 decimal place numbers by 2 decimal place numbers |
| M-06-030 | | Division of 3 decimal place numbers by 2 decimal place numbers | * Divide 3 decimal place numbers by 2 decimal place numbers |
| 7 | Everyday arithmetic  Multiplication and division by 10,100,1000 | M-06-031 | | Multiplication of whole numbers by 10 | * Multiply whole numbers by 10 |
| M-06-032 | | Multiplication of whole numbers by 100 | * Multiply whole numbers by 100 |
| M-06-033 | | Multiplication of whole numbers by 1000 | * Multiply whole numbers by 1000 |
| M-06-034 | | Division of whole number by 10 | * Divide whole numbers by 10 |
| M-06-035 | | Division of whole numbers  By 100 | * Divide whole numbers by 100 |
| 8 | Everyday arithmetic  Multiplying and dividing by 10,100,1000 | M-06-036 | | Division of whole numbers by 1000 | * Divide whole numbers by 1000 |
| M-06-037 | | Word problems involving  the four operations | * Solve simple word problems involving the four operations |
| M-06-038 | | More word problems involving  the four operations | * Solve more complex word problems involving the four operations |
| M-06-039 | | Place value of decimal  Numbers up to thousands | * Identify place value columns of decimals, show place value of decimal numbers |
| M-06-040 | | Place value of whole and decimal numbers | * Identify place value columns of whole and decimal numbers , show place value of both |
| 9 | Number and numeration  Classification of numbers | M-06-041 | | Identifying and adding even and odd numbers | * Identify even and odd numbers * Add even and odd numbers |
| M-06-042 | | Prime and composite numbers | * Identify prime and composite numbers * Differentiate between prime and composite numbers |
| M-06-043 | | Factors and multiples | * Show difference between factors and multiples * Write factors and multiples of numbers from 1 to 12 |
| M-06-044 | | Prime factors | * -Identify factors that are prime from a list of factors |
| M-06-045 | | Common factors and common multiples | * List factors that are common from a set of factors * List multiples that are common from a list of multiples |
| 10 | Algebra  Number patterns | M-06-046 | | Increasing numbers with a common difference | * Complete a sequence by adding the common difference * Describe a rule for the sequence |
| M-06-047 | | Increasing numbers patterns  Without a common difference | * Complete a sequence by adding different numbers * Describe a rule for the sequence |
| M-06-048 | | Decreasing number patterns  With a common difference | * Complete a sequence by subtracting a common difference * Describe a rule for the sequence |
| M-06-049 | | Decreasing numbers patterns without a common difference | * Complete a sequence by subtracting different numbers * Describe a rule for the sequence |
| M-06-050 | | Multiplication in number patterns  with a common difference | * 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 | * 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 | * 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 | * 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 | * 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 | * Write a sequence with multiples of 4 and 5 * Describe a rule for the sequence |
| 12 | Measurement and estimation  Length | M-06-056 | | Measuring lengths of  Objects in feet and inches | * Measure different length in the classroom in feet and inches |
| M-06-057 | | Conversion of lengths from inches to feet and feet to inches | * Convert from inches to feet * Convert from feet to inches |
| M-06-058 | | Measuring lengths of  Objects in millimeters and centimeters | * Measure different lengths in the classroom in millimeters and centimeters |
| M-06-059 | | Conversion of lengths centimeters to millimeters and millimeters to centimeters | * 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 | * Convert from meters to kilometers * Convert from kilometers to meters |
| 13 |  | | **Revisions** | | |
| 14 |  | | **Examinations** | | |

| **Class 6 – Term 2** | | | | |
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| **Week** | **Weekly Topic** | **LP-ID** | **Daily Lesson Title** | **Daily Learning Outcome(s)** |
| 1 | Statistics and probability  Data handling | M-06-061 | Making up a plan for data collection | * Decide on questions to ask in a survey * Devise a plan for data collection |
| M-06-062 | Making up a plan for data collection | * Decide on questions to ask in a survey * Devise a plan for data collection |
| M-06-063 | Putting the data collection plan into action | * 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 | * 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 | * Plan for writing a statistical report, including how to represent the data |
| 2 | Statistics and probability  Data handling | M-06-066 | Writing a statistical report with the findings of the survey (3 lessons) | * 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) | * 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-06-068 | Writing a statistical report with the findings of the survey (3 lessons) | * 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 | * Present a statistical report |
| M-06-070 | presenting a statistical report | * 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 |
| 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  triangles | M-06-091 | Properties of right angled triangle | -draw right angled triangle correctly  -identify the properties of a right angled triangle |
| 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 problems | 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 two events | Solve word problems involving calculations of time 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 1800  -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 3600  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 |

| **Class 6 – Term 3** | | | | |
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| **Week** | **Weekly Topic** | **LP-ID** | **Daily Lesson Title** | **Daily Learning Outcome(s)** |
| 1 | Statistics and probability  Data handling | 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 |
| 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  Data handling | 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 |
| 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  Angles revision | M-06-131 | Angles in triangles | Calculate missing angles in triangles |
| 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)  Ratio and proportion | M-06-136 | Proportion and fraction | Express fractions as proportion |
| M-06-137 | Proportion and ratio | Convert proportion into ratio |
| 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)  Ratio and proportion | 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 |
| 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 |
| 6 | Everyday Arithmetic (include Financial Literacy)  Word problems | M-06-146 | Solving word problems involving fractions | 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 |
| M-06-148 | Solving word problems involving decimals 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 |