**Grade 1st Maths Syllabus**

**Numbers and comparing**

A.1 Even or odd

A.2 Even or odd: arithmetic rules

A.3 Skip-counting puzzles

A.4 Number sequences

A.5 Ordinal numbers to 100th

A.6 Write numbers in words

A.7 Comparing numbers

A.8 Which number is greatest/least?

A.9 Put numbers in order

**Place values**

B.1 Place value models up to hundreds

B.2 Place value names up to hundreds

B.3 Place value names up to thousands

B.4 Value of a digit

B.5 Convert to/from a number

B.6 Convert between place values

B.7 Convert from expanded form

B.8 Convert between standard and expanded form

B.9 Place value word problems

**Addition**

C.1 Add two numbers up to three digits

C.2 Addition input/output tables - up to three digits

C.3 Add two numbers up to three digits - word problems

C.4Complete the addition sentence - up to three digits

C.5Balance addition equations - up to three digits

C.6Add three or more numbers up to three digits each

C.7Add three or more numbers up to three digits - word problems C.8Addition patterns over increasing place values

C.9Addition: fill in the missing digits

**Subtraction**

D.1 Subtract numbers up to three digits

D.2 Subtraction input/output tables - up to three digits

D.3 Subtract numbers up to three digits - word problems

D.4 Complete the subtraction sentence - up to three digits

D.5 Balance subtraction equations - up to three digits

D.6 Subtraction patterns over increasing place values

D.7 Subtraction: fill in the missing digits

**Understand multiplication**

E.1 Count equal groups

E.2 Identify multiplication expressions for equal groups

E.3 Write multiplication sentences for equal groups

E.4 Relate addition and multiplication for equal groups

E.5 Identify multiplication expressions for arrays

E.6 Write multiplication sentences for arrays

E.7 Make arrays to model multiplication

E.8 Write multiplication sentences for number lines

**Multiplication skill builders**

F.1 Multiply by 0

F.2 Multiply by 1

F.3 Multiply by 2

F.4 Multiply by 3

F.5 Multiply by 4

F.6 Multiply by 5

F.7 Multiply by 6

F.8 Multiply by 7

F.9 Multiply by 8

F.10 Multiply by 9

F.11 Multiply by 10

**Multiplication fluency**

G.1 Multiplication tables for 2, 3, 4, 5, 10

G.2 Multiplication facts for 2, 3, 4, 5, 10: true or false?

G.3 Multiplication facts for 2, 3, 4, 5, 10: sorting

G.4 Multiplication tables for 6, 7, 8, 9

G.5 Multiplication facts for 6, 7, 8, 9: true or false?

G.6 Multiplication facts for 6, 7, 8, 9: sorting

G.7 Multiplication tables up to 10

G.8 Multiplication facts up to 10: true or false?

G.9 Multiplication facts up to 10: sorting

G.10 Multiplication sentences up to 10: true or false?

G.11 Multiplication facts up to 10: find the missing factor

G.12 Multiplication facts up to 10: select the missing factors

G.13 Squares up to 10 x 10

**Multiplication**

H.1 Multiplication sentences

H.2 Multiply numbers ending in zeroes

H.3 Multiplication input/output tables

H.4 Multiplication word problems

H.5 Multiplication word problems: find the missing factor

H.6 Multiply one-digit numbers by two-digit numbers

H.7 Multiply one-digit numbers by two-digit numbers: word problems

H.8 Multiply one-digit numbers by three-digit numbers

H.9 Multiply one-digit numbers by three-digit numbers: word problems

H.10 Box multiplication

H.11 Lattice multiplication

**Understand division**

I.1 Divide by counting equal groups

I.2 Write division sentences for groups

I.3 Relate multiplication and division for groups

I.4 Write division sentences for arrays

I.5 Relate multiplication and division for arrays

**Division skill builders**

J.1 Divide by 1

J.2 Divide by 2

J.3 Divide by 3

J.4 Divide by 4

J.5 Divide by 5

J.6 Divide by 6

J.7 Divide by 7

J.8 Divide by 8

J.9 Divide by 9

J.10 Divide by 10

**Division fluency**

K.1 Division facts for 2, 3, 4, 5, 10

K.2 Division facts for 2, 3, 4, 5, 10: true or false?

K.3 Division facts for 2, 3, 4, 5, 10: sorting

K.4 Division facts for 6, 7, 8, 9

K.5 Division facts for 6, 7, 8, 9: true or false?

K.6 Division facts for 6, 7, 8, 9: sorting

K.7 Division facts up to 10

K.8 Division facts up to 10: true or false?

K.9 Division facts up to 10: sorting

K.10 Division facts up to 10: find the missing number

K.11 Division sentences up to 10: true or false?

**Division**

L.1 Complete the division table

L.2 Division input/output tables

L.3 Division word problems

L.4 Divisibility rules for 2, 5 and 10

**Data and graphs**

M.1 Interpret line plots

M.2 Create line plots

M.3 Interpret pictographs

M.4 Create pictographs

M.5 Sort shapes into a Venn diagram

M.6 Count shapes in a Venn diagram

**Money**

N.1 Count coins and notes - up to 500-rupee note

N.2 Which picture shows more?

N.3 Purchases - do you have enough money - up to 1,000 rupees

N.4 Making change

N.5 Inequalities with money

N.6 Put money amounts in order

N.7 Add and subtract money amounts

N.8 Add money amounts - word problems

N.9 Price lists

**Time**

O.1 Match analogue clocks and times

O.2 Match digital clocks and times

O.3 Read clocks and write times

O.4 A.M. or P.M.

O.5 Elapsed time

O.6 Elapsed time word problems

O.7 Time patterns

O.8 Read a calendar

O.9 Reading schedules

O.10 Timelines

**Measurement**

P.1 Measure using a centimetre ruler

P.2 Which metric unit of length is appropriate?

P.3 Compare and convert metric units of length

P.4 Conversion tables

P.5 Metric mixed units

P.6 Light and heavy

P.7 Holds more or less

P.8 Compare weight and capacity

P.9 Read a thermometer

P.10 Reasonable temperature

**Geometry**

Q.1 Identify two-dimensional shapes

Q.2 Count and compare sides and vertices

Q.3 Identify three-dimensional shapes

Q.4 Count vertices, edges and faces

Q.5 Identify faces of three-dimensional shapes

Q.6 Is it a polygon?

Q.7 Reflection, rotation and translation

Q.8 Symmetry

Q.9 Maps

Q.10 Find the area of rectangles and squares

Q.11 Find the missing side length of a rectangle

**Properties**

R.1 Addition, subtraction, multiplication and division terms

R.2 Understanding parentheses

R.3 Properties of addition

R.4 Solve using properties of addition

R.5 Properties of multiplication

R.6 Solve using properties of multiplication

R.7 Distributive property: find the missing factor

R.8 Multiply using the distributive property

R.9 Relate addition and multiplication

R.10 Relate multiplication and division

**Mixed operations**

S.1 Addition, subtraction, multiplication and division facts

S.2 Complete the addition, subtraction, multiplication or division sentence

S.3 Multiplication and division facts up to 5: true or false?

S.4 Multiplication and division facts up to 10: true or false?

S.5 Multiplication and division facts up to 12: true or false?

S.6 Multiplication and division sentences up to 12: true or false?

S.7 Add, subtract, multiply and divide

S.8 Addition, subtraction, multiplication and division word problems

S.9 Add and subtract data from tables

S.10 Multi-step word problems

S.11 Missing operators

**Estimation and rounding**

T.1 Rounding

T.2 Round money amounts

T.3 Rounding puzzles

T.4 Estimate sums

T.5 Estimate sums: word problems

T.6 Estimate differences

T.7 Estimate differences: word problems

T.8 Estimate products

T.9 Estimate products: word problems

T.10 Estimate sums, differences and products: word problems

**Patterns**

1. [Complete a pattern](https://www.ixl.com/math/grade-1/complete-a-pattern)
2. [Make a pattern](https://www.ixl.com/math/grade-1/make-a-pattern)
3. [Growing patterns](https://www.ixl.com/math/grade-1/growing-patterns)
4. [Find the next shape in a growing pattern](https://www.ixl.com/math/grade-1/find-the-next-shape-in-a-growing-pattern)
5. [Find the next row in a growing pattern](https://www.ixl.com/math/grade-1/find-the-next-row-in-a-growing-pattern)