Education Trust Kashmir

Alamgari Bazar Srinagar 190011

SYLLABUS BREAKUP
Maths

r Exploring **Maths Class 1** (Forever Education) for the Kashmir
Weekly breakup . Topic Classwork

1.Pre-math concepts ,Big–small, tall–short, more–less, heavy–light; sorting and matching
2 .Shapes and patterns,Circle, square, triangle, rectangle; colour and shape patterns
3 .Numbers 1–5,Counting objects, tracing and writing numerals, number names.
4 .Numbers 6–10 ,Counting, writing numerals 6–10, number names, before/after.
5 .Numbers 11–20 ,Counting and writing 11–20; number names; missing numbers
6.Comparison of numbers,More/less, greatest/smallest, before–after–between.
7.Revision 1.Numbers 1–20, shapes, patterns; oral counting and worksheet.
8. Addition up to 10 Addition with objects and pictures; simple horizontal sums.
9.Subtraction up to 10 Taking away with pictures/objects; simple subtraction sums ..
10 .Numbers 21–50 Counting, writing, number names; tens and ones introduction
11.Measurement, time and money Long/short, heavy/light; day–night; identifying coins
12.Revision 2 and assessment ,Counting, addition, subtraction, shapes, patterns; class test ,Oral work: Counting aloud, number recognition, and quick question–answer practice Concept work: Use beads, buttons, sticks, flashcards, or pictures before written work .
Writing: Trace and write numerals, number names, and simple sums
Activity: Sorting, matching, pattern-making, shape hunting, and counting games
Practice: One short worksheet or textbook exercise per week
Class 1 maths should move gradually from shapes, sorting, and counting to addition, subtraction, larger numbers, measurement, time, money, and patterns; these are the standard foundational areas for the grade.

Exploring **Maths Class 2** (Forever Education) for the Kashmir
winter zone.
1 .Revision of Class 1 :Numbers 1–100, shapes, patterns, addition and subtraction facts .
2 .Numbers up to 100:Reading, writing, comparing, ordering; before–after–between
3 .
Place value ,Tens and ones; expanded form; making numbers with bundles and loose sticks .
4.Addition up to 20 ,Addition without and with carrying, using objects and number line
5 .Subtraction up to 20,Subtraction without and with borrowing; word problems
6 .Addition and subtraction up to 50,Vertical sums, missing numbers, simple story problems.
7 .Revision 1,Place value, addition, subtraction; worksheet and oral test
Weekly teaching pattern.

8 .Numbers up to 100 and money ,Number names, skip counting by 2s, 5s, 10s; identifying coins and notes .
9 :Measurement,Length, weight, capacity; longer/shorter, heavier/lighter, more/less
10.Time and calendar ,Days of the week, months, reading clock to hour and half-hour
11.Shapes, patterns and data ,2D/3D shapes, patterns, simple pictograph or tally marks.
12.Revision 2 and assessment ,Mixed operations, place value, measurement, time, shapes; class test ,Oral practice: Counting, skip counting, number comparison, and mental maths .
Concept work: Use bundles, beads, number line, clock model, coins, and shape cut-outs .
Written work: Textbook exercises, number writing, vertical sums, and word problems
Activity: Shopping game, clock reading, shape hunt, measurement activity, or pattern making
Assessment: Weekly worksheet, dictation of numbers, and short oral/written check
Class 2 maths typically develops numbers to 100, place value, addition and subtraction, money, measurement, time, shapes, patterns, and simple data handling.
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Exploring Maths Class 3

1 .Revision of Class 2 ,Numbers to 100, place value, addition/subtraction facts, shapes.
2 .Numbers up to 999 ,Reading, writing, comparing, ordering; number names Weekly teaching pattern.
3 .Place value Hundreds, tens, ones; expanded form; greatest/smallest numbers.
4 .Addition 3-digit addition without and with regrouping; word problems
5 .Subtraction 3-digit subtraction without and with borrowing; word problems
6 .Multiplication ,Multiplication as repeated addition; tables 2–10; simple multiplication.
7 .Revision 1 ,Numbers, place value, addition, subtraction, multiplication tables; worksheet/test .
8.Division ,Equal sharing and grouping; division as reverse of multiplication
9 .Fractions,Half, one-third, one-fourth; identifying parts of a whole
10 .Measurement ,Length, weight, capacity; cm/m, g/kg, l/ml; simple comparisons
11.Time, money and data ,Clock, calendar, rupees–paise, simple pictograph/bar graph.
12 .Geometry, patterns and assessment,2D/3D shapes, symmetry, patterns; comprehensive revision and class test .
Oral work: Counting, tables, mental addition/subtraction, and quick revision questions
Concept work: Use place-value cards, abacus, ruler, weighing scale, clock, coins, and shape ,cut-outs
Written practice: Textbook/workbook exercises, vertical sums, word problems, and tables practice.
Activity: Measuring objects, making shapes, shopping activity, calendar reading, or pattern design .
Assessment: Weekly worksheet, tables test, and short oral or written check
Class 3 maths commonly covers numbers up to 999, place value, addition and subtraction with regrouping, multiplication and division, fractions, measurement, time, money, geometry, patterns, and data handling.

Maths 4

Suggested 12-week breakup

Week	Topic	Classwork
1	Revision of Class 3	Place value, tables, addition/subtraction, multiplication/division basics
2	Large numbers	Numbers up to 5- or 6-digits; place value; expanded form; comparison
3	Roman numerals and rounding	Roman numerals to 100; rounding to nearest 10/100
4	Addition and subtraction	Large-number addition/subtraction with regrouping; word problems
5	Multiplication	Multiplication by 1-digit and 2-digit numbers; word problems
6	Division	Long division by 1-digit divisor; remainder; word problems

7	**Revision 1**	**Four operations, estimation, word problems; worksheet and test**
8	**Factors and multiples**	**Factors, multiples, prime/composite numbers; divisibility rules**
9	**Fractions**	**Types of fractions, equivalent fractions, comparison; addition/subtraction of like fractions**
10	**Decimals and money**	**Tenths/hundredths; decimal–fraction relation; money problems and unitary method**
11	**Measurement, time and data**	**Length, weight, capacity; 12/24-hour time; pictograph and bar graph**
12	**Geometry, perimeter/area and assessment**	**Lines, angles, shapes, symmetry; perimeter and area of rectangle/square; comprehensive test**

Weekly teaching pattern

- **Oral drill:** Tables, mental maths, rounding, and quick calculation practice
- **Concept work:** Place-value chart, number line, fraction strips, clock, ruler, and shape cut-outs
- **Written practice:** Textbook/workbook exercises, vertical calculations, and word problems
- **Activity:** Measuring classroom objects, drawing shapes, making graphs, or money-based role-play
- **Assessment:** Weekly worksheet, tables/division test, and short class assessment

Class 4 maths typically includes large numbers, all four operations, factors and multiples, fractions, decimals, geometry, measurement, perimeter and area, time, money, and data handling.

Maths 5

weekly breakup for *Exploring Maths* **Class 5 (Forever Education)** for the **Kashmir winter zone**.

Suggested 12-week breakup

Week	Topic	Classwork
1	**Revision of Class 4**	**Place value, four operations, factors/multiples, fractions, measurement**
2	**Large numbers**	**Indian and international place value; reading/writing, comparison, rounding**
3	**Operations on large numbers**	**Addition, subtraction, multiplication, division; estimation and word problems**
4	**Factors and multiples**	**Factors, multiples, prime/composite numbers, HCF and LCM**
5	**Fractions**	**Equivalent fractions, comparison, addition/subtraction;**

		mixed numbers
6	**Multiplication and division of fractions**	**Fraction of a number, multiplication, division; word problems**
7	**Revision 1**	**Large numbers, operations, HCF/LCM, fractions; worksheet and test**
8	**Decimals**	**Place value, comparison, addition/subtraction; decimals and fractions**
9	**Percentage and money**	**Percentage meaning, simple percentage problems; profit/loss and unitary method**
10	**Measurement**	**Length, weight, capacity; unit conversion; four operations with measurements**
11	**Time, perimeter, area and volume**	**12/24-hour time, time intervals; perimeter, area, volume of cube/cuboid**
12	**Geometry, data and assessment**	**Angles, symmetry, nets, 2D/3D shapes; bar graph/pictograph; comprehensive test**

Weekly teaching pattern

- **Oral drill:** Tables, mental maths, estimation, and quick revision questions
- **Concept work:** Place-value charts, fraction strips, decimal grids, ruler, measuring jar, clock, and shape nets

- **Written practice:** Textbook/workbook exercises, word problems, conversions, and mixed-operation sums
- **Activity:** Shopping activity, measuring objects, drawing graphs, making nets, or finding area/perimeter ofthe classroom
- **Assessment:** Weekly worksheet, tables/HCF-LCM test, and short oral or written check

Class 5 maths commonly includes large numbers, all four operations, factors and multiples, fractions, decimals, percentage, measurement, time, money, perimeter/area/volume, geometry, patterns, and data handling.