

PEAK MATH | SYLLABUS



GRADE 4 MATH – PART 1

Session 1: Angles

- Geometry Terminology
- Angle References
- Angle Measurements
- Angles in Polygons
Triangles, Quadrilaterals

Session 2: Lines & Symmetry

- Parallel Lines
- Perpendicular Lines
- Quadrilaterals
- Symmetry
Reflectional, Rotational

Session 3: Multiplication

- Distributive Property
- Area Model

Session 4: Multiplication

- Three Multiplication Models
Distributive, Area, Algorithm
- Tables

Session 5: Exponents

- Exponents as Series of Multiplications
- Order of Operations

Session 6: Exponents

- Perfect Squares
- Pyramid Descent
- Units Digit

Session 7: Exponents

- Base-10
- Base-2
- Power Grid

Session 8: Review

Session 9: Counting

- Inclusive/Exclusive
- Geometric Arrangements
- Tree Diagrams
- Possibilities

Session 10: Counting

- Venn Diagrams
- Arrangements
- Factorials
- Counting Pairs
- Cards

Session 11: Division

- Special Quotients
- Multiples of Ten

Session 12: Division

- Long Division
- Mental Division

Session 13: Division

- Divisibility
- Divisibility Rules
- Tables

Session 14: Logic

- Logic Puzzles
- Minesweeper
- Shape-Number Cards
- Sudoku

Session 15: Logic

- Liars & Truth-Tellers
- Sum-doku
- Word Problems
- Hive Puzzles
- Tents
- Times Out

Session 16: Review