

PEAK MATH | SYLLABUS



GRADE 5 MATH – PART 2

Session 17: Sequences & Patterns

- Pattern Recognition
- Arithmetic Sequences
- *n*th term

Session 18: Sequences & Series

- Arithmetic Series
- Fibonacci Sequence
- Other Sequences

Session 19: Ratios

- Ratios
- Ratio to Whole
- Equivalent Ratios

Session 20: Proportions

- Proportions
- Word Problems
- Multi-part Ratios

Session 21: Rates

- Rates
- Speed
- Conversion

Session 22: Decimals

- Multiplying by 10
- Multiplying by 0.1
- Multiplying Decimals
- Estimation

Session 23: Conversion

- Fractions to Decimals
- Dividing Decimals

Session 24: Review

Session 25: Percents

- Fraction Conversion
- Decimal Conversion
- Percent of a Number

Session 26: Percents

- Estimation
- Proportion
- Equations
- Percent Change

Session 27: Square Roots

- Cubic Roots
- Estimation
- Comparing
- Factoring

Session 28: Square Roots

- Pythagorean Theorem
- Squares & Rectangles

Session 29: Exponents

- Multiplying Powers
- Dividing Powers
- Zero & Negative

Session 30: Exponents

- Scientific Notation
- Power to a Power

Session 31: Exponents

- Same Exponent
- Equations

Session 32: Review