

Maths for Physics • 100-Stage Course Map

From Class 4 arithmetic to NEET calculus — **100 stages, 3,000 practice questions** with full explanations. Free on playneet.com

1
2
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4

WORLD 1 • STAGES 1-10

Arithmetic Foundations

- 1 Number Basics
- 2 Fractions
- 3 Decimals
- 4 Percentages
- 5 Ratio & Proportion
- 6 Integers & Number Line
- 7 Powers & Roots
- 8 Substituting into Formulas
- 9 Unit Conversions
- 10 **Boss • Speed Maths** 🏆

abc

WORLD 2 • STAGES 11-20

Algebra

- 11 Variables & Expressions
- 12 Linear Equations I
- 13 Linear Equations II
- 14 Simultaneous Equations
- 15 Factorisation
- 16 Algebraic Identities
- 17 Quadratic Equations
- 18 Variation & Scaling
- 19 Rearranging Formulas
- 20 **Boss • Algebra** 🏆



WORLD 3 • STAGES 21-30

Exponents, Logs & Measurement

- 21 Laws of Exponents
- 22 Scientific Notation
- 23 SI Prefixes
- 24 Significant Figures
- 25 Order of Magnitude & Estimation
- 26 Logarithms I
- 27 Logarithms II
- 28 Binomial Approximation
- 29 Dimensional Analysis
- 30 **Boss • Measurement** 🏆



WORLD 4 • STAGES 31-40

Geometry

- 31 Lines & Angles
- 32 Triangles
- 33 Pythagoras
- 34 Similar Triangles
- 35 Circles
- 36 Areas
- 37 Volumes & Surfaces
- 38 Coordinate Geometry
- 39 Straight Line & Slope
- 40 **Boss • Geometry** 🏆



WORLD 5 • STAGES 41-50

Trigonometry

- 41 Ratios in a Right Triangle
- 42 Standard Angles
- 43 All Four Quadrants
- 44 Identities
- 45 Sum & Difference
- 46 Double & Half Angle
- 47 Inverse Trig
- 48 Small-Angle Approximation
- 49 Trig Graphs
- 50 **Boss • Trigonometry** 🏆



WORLD 6 • STAGES 51-60

Vectors

- 51 Scalars vs Vectors
- 52 Components
- 53 Vector Addition
- 54 Unit Vectors $\hat{i}$ $\hat{j}$ $\hat{k}$
- 55 Dot Product
- 56 Cross Product
- 57 Resolution in Physics
- 58 Relative Velocity
- 59 Mixed Vector Problems
- 60 **Boss • Vectors** 🏆



WORLD 7 • STAGES 61-70

Graphs & Functions

- 61 Reading Graphs
- 62 Slope as Rate
- 63 Area Under a Graph
- 64 Straight-Line Graphs in Physics
- 65 Parabolas
- 66 Inverse & Inverse-Square
- 67 Exponential Growth & Decay
- 68 Sinusoidal Graphs
- 69 Log & Semi-log Graphs
- 70 **Boss • Graphs** 🏆



WORLD 8 • STAGES 71-80

Differentiation

- 71 Limits & Rate of Change
- 72 Power Rule
- 73 Product & Quotient Rules
- 74 Chain Rule
- 75 Trig • Exp • Log Derivatives
- 76 Maxima & Minima
- 77 Velocity & Acceleration from $x(t)$
- 78 Small Changes & Errors
- 79 Simple Differential Equations
- 80 **Boss • Calculus I** 🏆



WORLD 9 • STAGES 81-90

Integration

- 81 Reverse of Differentiation
- 82 Power Rule for Integration
- 83 Trig & Exp Integrals
- 84 Definite Integrals
- 85 Area Under a Curve
- 86 Displacement from $v(t)$
- 87 Work from $F(x)$
- 88 Average Value
- 89 Decay & Growth Equations
- 90 **Boss • Calculus II** 🏆



WORLD 10 • STAGES 91-100

Physics Toolkit

- 91 Series & Progressions
- 92 Approximations in Physics
- 93 Errors in Combined Quantities
- 94 Problem-Solving Strategy
- 95 Mechanics Maths
- 96 Electricity Maths
- 97 Optics & Waves Maths
- 98 Modern Physics Maths
- 99 Mixed NEET Numericals
- 100 **FINAL BOSS** 🏆