

PrepClubs2025 8-week Lesson Plans for Math Grades1-8

	Math MB1 Lesson Plan (Grades 1-3)	Math MB2 Lesson Plan (Grades 4-5)	Math MB3 Lesson Plan(Grades 6-8)
Week 1	Number bonds , Numbers 1-10000 counting ,Number sequence, Comparison of numbers, Place value (Ones/Tens/Hundreds/Thousands/ten thousands) and Expanded notation ,Rounding	Fractions, Decimal Numbers, Decimal to fractions and vice versa	Number system: Ratio, proportion, Advanced topics in fraction, square and square roots, combination, permutation
Week 2	ADDITION concept , (1-1000 ,mental calculations and word problems), SUBTRACTION concept, (1-1000 ,mental calculations and word problems)	Order of operations, Prime numbers, Divisibility, Scientific notation of numbers	Number system: Ratio, proportion, Advanced topics in fraction, square and square roots, combination, permutation
Week 3	Multiplication concept, multiply by single digit number and word problems , Division concept, divide by single digit number and word problems	Percentages, Simple interest calculations, Consumer math: Discounts and Markup	Algebra, solving equations, quadratic equation, inequalities, theory of exponents
Week 4	Graphs , Ordinal numbers, Different geometrical shapes ,patterns or sequence	Scientific notation of numbers, length, squares, area	Number theory, LCM, GCF, Factorial, Trigonometric ratios, Mid review
Feb 9th	Online Practice Test		
Week 5	Fraction and decimal numbers (concept ,comparison, mixed fractions) , Fraction and decimal (addition ,subtraction,multiplication,division)	Triangles, Area, Pythagoras theorem, Volume, Mass	Coordinate plane, graphing pair of inequalities, solving inequality on coordinate plane
Week 6	Measurements: length,volume and mass , temperature	Basic concepts of graph, Review of sets, Subset and Superset, set operations	2D Geometry, Area, Similar figures, Surface area of cylinder, cone, sector, sphere
Week 7	Time , Money	Elements of algebra, linear equations with one variable, Elements of probability	3D Geometry, Volume of cylinder, cone, sphere, prisms, pyramids
Week 8	Geometry: Area ,Volume ,Square and Triangles (types and properties)	Elements of probability, review/catchup on any missed topics	Final Review
March 16th	Online Practice test 2		

PrepClubs2025 8-week Lesson Plans for Science Grades 1-8

	Science JSC Lesson Plan (Grades 1-3)	Science ISC Lesson Plan (Grades 4-5)	Science SSC Lesson Plan(Grades 6-8)
Week 1	Plants, Animals	Plants	Ecology, Bacteria
Week 2	Ecosystems	Animals, Digestive Systems	Cell Biology
Week 3	Human body and Health	Cells	Atoms, Reactions
Week 4	Earth, Weather	Earth Sciences, Weather	Periodic Table, Classification
Feb 9th	Online Practice Test		
Week 5	Geology	Space	Forces, Newton Laws
Week 6	Space	Matter, Forces	Geology
Week 7	Matter	Scientific Enquiry, Measurement	Matter, Energy
Week 8	Force and Motion	Energy, Electricity and Magnetism	Scientific Enquiry, Measurements
March 16th	Online Practice Test		



PrepClubs2025 8-week Lesson Plans for Spelling Grades 1-8

	Junior Spelling Bee JSB / Senior Spelling Bee SSB
Week 1	Concepts to master 125 words from the published regionals list
Week 2	Concepts to master 125 words from the published regionals list
Week 3	Concepts to master 125 words from the published regionals list
Week 4	Concepts to master 125 words from the published regionals list
Feb 9th	Online Practice Test
Week 5	Concepts to master 125 words from the published regionals list
Week 6	Concepts to master 125 words from the published regionals list
Week 7	Concepts to master 125 words from the published regionals list
Week 8	Concepts to master 125 words from the published regionals list Mockbee review and feedback. Tips for out of list words
March 16th	Online Practice Test

