Session	Focus Area	Key Topics & Notes
1	Diagnostic + Intro	Format & scoring overview, POE strategy, diagnostic test, mindset & strategy introduction
2	Word Problem Translation	3-step process (define, set up, solve), linear equations in context, group work + timed drill
3	Graphs, Slope, Linear Equations	Graphing lines, slope-intercept form, table→ equation→ graph translation, Desmos practice
4	Systems of Equations + Desmos Intro	Substitution & elimination, graphical solution, word problems with systems; 10–15 min Desmos intro
5	Geometry Fundamentals	Triangle properties & theorems, circle basics (area, circumference), coordinate geometry, volume
6	Ratios, Proportions, Percents	Ratio reasoning, percent change, proportional relationships, real-world contexts (recipes, sales)
7	Functions	Function notation, evaluate/solve, interpret graphs, reinforce Desmos for graphing/checking
8	Reading Comprehension (RW)	Main idea, purpose, tone, word-in-context; model annotation process
9	Reading Comprehension (RW)	Structure, inference, evidence, paired-passage practice, drawing subtle inferences
10	Writing & Grammar (RW)	Punctuation, grammar rules, sentence structure, parallelism, conciseness, commonly tested rules
11	Expressions, Equations & Inequalities	Simplifying expressions, polynomial operations, factoring, literal equations, basic inequalities
12	Quadratics & Advanced Algebra	Factoring quadratics, quadratic formula, vertex form, graphing parabolas, quadratic word problems, basic trig (sin/cos/tan, unit circle)
13	Data Interpretation & Modeling (Part 1)	Linear models, slope/intercept meaning, graph & table interpretation, real-world stories
14	Data Interpretation & Modeling (Part 2)	Continued data modeling practice, complex problem solving, deeper interpretation, reinforcement
15	Final Assessment & Review	Full test simulation (timed), self-scoring & error analysis, basic statistics review, celebration