

## Summer Khan Academy Proposed Math Schedule (All Grades)

Dear Families,

To support continued learning and ensure students are prepared for the upcoming school year, all students will complete summer math practice using Khan Academy.

This work is designed to reinforce key skills, build confidence, and prevent summer learning loss. Regular practice helps students strengthen foundational math skills, enter the new school year with confidence, be ready for grade-level instruction. You can support your student by encouraging a consistent schedule, asking what they are learning, checking that they are logging in weekly, looking through their math journal.

We appreciate your partnership in supporting your child's success. If you have any questions, please feel free to reach out.

**Dates:** June 29 – August 27

**Platform:** Access through MyBPS → ClassLink → Khan Academy

**Expectation:**

- Work 4–5 days per week (30–45 minutes/day, avoid completing work all at once)
- Maintain a math notebook/journal:
  - Write notes, worked examples, error corrections and questions
  - Track challenges to bring to teachers in the fall

Phase	Dates	Focus
Phase 1: Foundation Building	June 29 – July 17	Core concepts & early units
Phase 2: Skill Development	July 20 – August 7	Intermediate topics & practice
Phase 3: Mastery & Review	August 10 – August 27	Review, quizzes, mastery

### Incoming 9th Grade

#### *Getting Ready for Algebra 1*

Week	Dates	Focus Skills	Student Tasks
Week 1	June 29 – July 3	Fractions, decimals, percentages	Complete lessons + take notes on mistakes
Week 2	July 6 – July 10	Ratios & proportions	Practice real-world problems
Week 3	July 13 – July 17	Expressions & equations	Write and solve algebraic expressions
Week 4	July 20 – July 24	Linear equations	Solve & graph equations
Week 5	July 27 – July 31	Inequalities & coordinate plane	Practice graphing and comparisons
Week 6	August 3 – August 7	Functions & patterns	Identify relationships
Week 7	August 10 – August 14	Review + quizzes	Focus on weak areas
Week 8	August 17 – August 21	Mixed practice	Apply multiple skills
Final Days	August 24 – August 26	Full review & reflection	Write reflection in journal

**Incoming 10th Grade*****Getting Ready for Geometry***

<b>Week</b>	<b>Dates</b>	<b>Focus Skills</b>	<b>Student Tasks</b>
Week 1	June 29 – July 3	Algebra review (equations, graphing)	Refresh core algebra skills
Week 2	July 6 – July 10	Exponents & radicals	Simplify expressions
Week 3	July 13 – July 17	Functions & slope	Analyze linear relationships
Week 4	July 20 – July 24	Intro to geometry & angles	Practice angle relationships
Week 5	July 27 – July 31	Triangles & congruence	Solve triangle problems
Week 6	August 3 – August 7	Area, perimeter, volume	Apply formulas
Week 7	August 10 – August 14	Geometry problem solving	Complete quizzes
Week 8	August 17 – August 21	Mixed review	Combine algebra + geometry
Final Days	August 24 – August 26	Review & reflection	Identify strengths & needs

**Incoming 11th & 12th Grade*****SAT Math Prep***

<b>Week</b>	<b>Dates</b>	<b>Focus Skills</b>	<b>Student Tasks</b>
Week 1	June 29 – July 3	Diagnostic + algebra review	Identify baseline skills
Week 2	July 6 – July 10	Linear equations & inequalities	Practice SAT-style questions
Week 3	July 13 – July 17	Problem solving & data analysis	Work with tables/graphs
Week 4	July 20 – July 24	Advanced algebra	Solve systems
Week 5	July 27 – July 31	Geometry & trigonometry	Apply formulas
Week 6	August 3 – August 7	Quadratics & functions	Analyze graphs and equations
Week 7	August 10 – August 14	Timed practice	Review errors in journal
Week 8	August 17 – August 21	Practice test sections	Build test stamina
Final Days	August 24 – August 26	Final review	Set SAT goals