

Summer Math Review for Incoming 8th Graders

The Summer Math Review is for students to refresh and reinforce the skills necessary for success in their next math course. Math is a sequential and cumulative discipline. Each grade/course builds upon previous concepts with more complexity, more blending of skills, and more independent work. The problems in the review have been chosen to highlight key skills and standards that you are expected to know as well as promote a continuum of mathematical thinking over the summer.

Diverse and creative mathematics activities for students are provided in a calendar format. Each month's activities are organized into "math days." You can choose which activities you'd like to complete on which day. **Students are encouraged to complete at least 20 "math days" each month.**

In addition to the math days, students are encouraged to practice all operations (addition, subtraction, multiplication, and division) with integers and signed decimals and fractions on Khan Academy. It is expected that students arrive to 8th grade with a mastery of these operations and values.

Students are expected to maintain strong work habits as well over the summer by organizing their work, checking answers against the key provided, and reflecting/correcting their errors for those math days that involve demonstrating a skill. **Parents are asked to sign off, with their initials, on each "math day" on the calendar that their student has completed.**

The June and July calendars with signatures and corresponding work will be submitted upon the student's return to school. Twenty-five points, in the homework category of the grade book, will be provided to those who complete and meet the expectations outlined.

Get ready to discover mathematics all around you this summer!