

Dear Middle School Parent,

After evaluating the Saxon placement test, STAR Math tests, ACT Aspire test, and timed math facts test, your student is enrolled in one of five leveled MS Math courses: Intermediate 5, Course 1, Course 2, Course 3, or Algebra 1 for the next school year, 2021-2022.

We have met with each MS student including the incoming 5th graders to review the math course they will be enrolled in next fall and the summer work required. Each student has an instruction guide, answer key, and textbook for their particular course.

All middle school students will be required to complete summer bridge work. **There are two parts to this summer work: math lessons from the textbook and IXL.** They will be required to complete the **first 25 lessons (no investigations)** in the course they have been placed.

The requirements for each lesson are as follows:

1. Read the lesson and take notes including vocabulary and definitions, examples, rules, and any other information that is important. Use a spiral notebook for this.
2. Use loose leaf paper or graph paper for each lesson's homework. DO NOT do homework in the spiral notebook. Head each lesson as follows:

Name: _____	Date: _____
Saxon Math Course _____	Lesson _____ # 1-30

Be sure to fill in the date the lesson was completed and the lesson number.

3. Fold the homework paper in thirds and then in half so that there are 6 boxes on each side of the paper. These boxes allow the student to show their work. They will need 3 pieces of paper for each lesson.
4. Do all the problems # 1-30 for each lesson.
  - Show all work!
  - Check the provided answer key for the correct answer.
  - If the problem is incorrect:
    - Check the math first. Were errors made in addition, subtraction, multiplication, and division?
    - Go back to the lesson and find a similar example to help out.
    - If the answer is still incorrect, place the number of the problem above the heading on the homework paper.
  - We will review any problems from any of the 25 lessons they struggled with at the beginning of the year BUT they are expected to do their best completing the summer work!!

- The homework for each lesson will be their first math grades for the year!
  - They will also be assessed on these lessons through 4 Cumulative Tests so it is extremely important that they just don't complete the homework but learn the skills and concepts!
5. Each student will also be required to master specific IXL skills over the summer. **Mastery means that they reach a smart score of 80.** They have used IXL in the classroom and should know their username and password. For each skill mastered, they will receive **ONE BONUS POINT** which will be applied to a cumulative test!!
6. The required IXL skills are listed below by course. Once they have mastered these skills, they can practice other IXL skills within their grade level. It never hurts to practice!!

<b>Intermediate 5</b> <b>IXL Level:</b> <b>5th Grade</b>	<b>Course 1</b> <b>IXL Level:</b> <b>6th Grade</b>	<b>Course 2</b> <b>IXL Level:</b> <b>7th Grade</b>	<b>Course 3</b> <b>IXL Level:</b> <b>8th Grade</b>	<b>Algebra 1</b> <b>IXL Level:</b> <b>Algebra 1</b>
C 13	E 4	CC 2	H 10	F 5
D 11	F 2	C 12	J 1	I 3
L 18	J 6	C 23	J 9	J 11
L 19	O 1	E 11	V 4	S 8
O 6	GG 6	L 2	V 13	S 18
		S 8	W 12	Z 8

7. Practice multiplication facts through 12. MS students should be proficient in basic multiplication facts in both accuracy and speed.

To get the best results, we suggest that the math work is spread out over the summer, maybe two to three lessons a week. Making a calendar schedule will help your student stay organized and complete their work before school starts in the fall.

**All lessons and IXL skill mastery will be due the first week of school.** We will begin the review of summer bridge lessons on the second day of school and we expect that each student will have their notes, homework, and IXL lessons completed and ready for review.

If you have any questions or concerns, please reach out to us through email. Thank you for your support of our math summer bridge program!

Mrs. Vicky Simpson (Intermediate 5, Course 2, Algebra 1)  
Mr. Christopher Roy (Course 1 and Course 3)