

5th Grade Math

Books and Supplies: Saxon Math 5/4 (Student Edition), Saxon Math 5/4 Tests and Worksheets, Saxon Math 6/5 (Student Edition), Saxon Math 6/5 Tests and Worksheets, Saxon Math 5/4 and 5/6 Solutions Manual (optional), Saxon Math 5/4 and 5/6 Teaching CD (optional), Geometric Shape Blocks Set, 2 Dice

A Note about Standards: While I normally include standards covered with each lesson, I simply don't have the space to do so in math. I have constructed math lessons with two things in mind. First, to cover every standard. If you finish the math program you will have covered all of Utah 5th Grade Core Standards for math. I have added supplemental lessons (below) to ensure those standards that Saxon doesn't include are covered. Secondly, I've taken into account the layout of the Saxon program. The book does not teach the lessons in units. It does, however, build upon each lesson using what was learned in previous lessons. Rather than organizing units, I've decided to follow the Saxon program to ensure that the review portion of the lessons is covered before expecting your child to do it in the workbook. The lessons that are skipped in the Saxon book are ones that do not specifically meet standards for Utah 5th Grade. This does not mean that you have to skip them. You may want to use them as a part of a "review day" lesson.

How to Teach the Saxon Math Program: Each Saxon lesson includes a "Warm-up", "New Concept", "Lesson Practice", and "Mixed Practice". Your child will need a blank piece of paper for each lesson. Lined paper works best. Towards the end of the year you will also need graph paper. Ask your child to do the Warm-up first. Next, teach the New Concept by working through this section with your child. Answer any questions they may have. Have your child do the Lesson Practice and "Mixed Practice" on their own as much as possible, helping and giving direction only when asked. Lastly, ask your child to do the mixed practice section on a separate piece of paper.

Review Days: Every so often your child will have a Math Review Day. Take time on this day to review a lesson or concept that your child hasn't fully grasped. Cover a lesson again, find a math game that can teach it, work on flash cards and math fact mastery, or let your child choose one of their favorite worksheets to do again. If your child has mastered everything, do one of the skipped lessons, read and prepare a fun recipe, play a card or board game (most of them have a math element), or take the day off from math.

Prodigy: Prodigy is a great review for math concepts throughout elementary. It's a fun game that really has helped my visual learner to make connections because it motivates him to get the right answer. You can sign up with a free account here:

<https://sso.prodigygame.com/game/start?rid=e5186a1d-5420-4a2a-9a36-4a29ec60352f>

Supplemental Lessons:

Lesson 1: Print the addition fact sheet here:

<https://www.dadsworksheets.com/worksheets/addition/spaceship-math-y-v1.html>

and the subtraction fact sheet here:

<https://www.dadsworksheets.com/worksheets/subtraction/spaceship-math-z-v1.html>

Set a timer for one minute and ask your child to do the addition sheet as fast as they can. Reset the timer and do the same with the subtraction sheet. Correct the sheets together, fixing any mistakes that may have been made.

Lesson 2: Print the multiplication fact sheet here:

<https://www.dadsworksheets.com/worksheets/multiplication/spaceship-math-w-v1.html>

and the division fact sheet here:

<https://www.dadsworksheets.com/worksheets/division/divide-by-two-v1.html>

Set a timer for one minute and ask your child to do the multiplication sheet as fast as they can. Reset the timer and do the same with the division sheet. Correct the sheets together, fixing any mistakes that may have been made.

Lesson 3: Print the multiplication fact sheet here:

<https://www.dadsworksheets.com/worksheets/multiplication/spaceship-math-v-v2.html>

and the division fact sheet here:

<https://www.dadsworksheets.com/worksheets/division/divide-by-nine-v2.html>

Set a timer for one minute and ask your child to do the multiplication sheet as fast as they can. Reset the timer and do the same with the division sheet. Correct the sheets together, fixing any mistakes that may have been made.

Lesson 4: Do the activity in the video at the link below.

<https://www.mixandmath.com/blog/classifying-polygons>

Lesson 5: Choose one or two of the fun worksheets at the link below to celebrate Thanksgiving with math: <https://www.mashupmath.com/blog/thanksgiving-math>

Lesson 6: Dicey Division. Go to the link below and download and print out the lesson.

<https://www.education.com/lesson-plan/dicey-division/>

Part I: Teach and play the Digit-by-Digit Method and do Extra Practice #3

Part II: Teach and play the Rectangle Sections Method and do Extra Practice #9

Lesson 7: Go to the link below and print the game: Race to Rudolph. <http://4.bp.blogspot.com/-Ea-dcu5Pfxo/UMFUf-gnDZI/AAAAAAAAADBE/cLarUeHRPqA/s1600/Slide3.jpg>

Lesson 8: Valentine's Day: Go to this [link](#) (<https://i.pinimg.com/736x/7f/1f/af/7f1fafac390995113e6194d2c4b79bde--valentines-day-pictures-valentines-day-activities.jpg>), print the worksheet, and allow your child to finish it in celebration of Valentine's Day

Lesson 9: St. Patrick's Day: Go to this [link](#) (<https://ecdn.teacherspayteachers.com/thumbitem/St-Patricks-Day-Stress-Free-Printables-Fifth-Grade-Common-Core-1133581-1551752773/original-1133581-3.jpg>), print the worksheet, and allow your child to finish it in celebration of St. Patrick's Day

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Lesson 10: Real-World Problems

1. You are cooking two batches of cookies. The recipe, which makes one batch, calls for $2\frac{1}{3}$ cups of flour. How many cups of flour do you need for two batches?

2. You are making macaroni and cheese, but you need $1\frac{1}{2}$ batches. The recipe, which makes one batch, calls for $\frac{3}{4}$ cups of cheese. How much cheese do you need for two batches?

3. You have $1\frac{5}{8}$ cup of water in one pitcher and $5\frac{2}{3}$ cups in another. How much water do you have altogether?

4. Your room is $10\frac{1}{2}$ ft. by $10\frac{1}{4}$ feet. What is the square footage of your room?

5. You have $9\frac{2}{5}$ ounces of chocolate. You are only allowed to eat half of it. How much chocolate are you allowed to have?

6. You are $4\frac{5}{6}$ feet tall. Your brother is $4\frac{1}{3}$ feet tall. How tall would you be if you could stand on your brother's head?