



COURSE OVERVIEW

Course Title: Math 7/6 2023-2024

Teacher: Mrs. Batista

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The best time to reach me is: Monday, Wednesday and Friday 9-3

**In case of an emergency, please feel free to text me at any time and I will get back to you as soon as I can.

Course Overview

Saxons incremental development style is able to help children learn math in a way that they can retain the information, in order to build on it. The textbook will be my primary resource for teaching, but I plan for math to be interactive by using other teaching tools that will make learning fun.

Goals

“Mathematics may not teach us how to add love or minus hate,” that’s what the Kingdom does, “but it gives us hope that there is a solution to every problem.”

I am excited to build a solid mathematical foundation with you.

Week-by-Week Overview

Semester I	Semester II
Week 1 – Adding and Subtracting whole #'s and \$, mult and div whole #'s and \$, missing 3's in add and sub	Week 19 – Review page, denominators part 1, common denominators part 2
Week 2 –Missing #'s in mult and div, orders of operation part 1, fractional parts	Week 20 – TEST NOTEBOOK CHK -Add and sub fractions, probability and chance, adding mixed #'s
Week 3 – Line segments and rays, perimeter, the number line; ordering and comparing	Week 21 – polygons, adding three or more fractions, writing mixed #'s as improper fractions
Week 4 – TEST-NOTEBOOK CHK -sequences; scales, problems with combining and separating, place value, elapsed time problems	Week 22 – subtracting mixed #'s, classifying quadrilaterals, prime factorization, mult mixed #'s
Week 5 – The number line; negative #'s, equal groups; multistep problems,	Week 23 – TEST -reducing fractions with prime factors, dividing mixed #'s
Week 6 – TEST Rounding whole 3's, estimating, the number line: fractions and mixed numbers	Week 24 – NOTEBOOK CHK -lengths of segments and angles, reducing fractions before mult,
Week 7 – GCF, Divisibility, “equal groups” stories with fractions	Week 25 TEST -Parallelograms, mult three factors, exponents, writing decimal #'s as fractions, writing fractions as decimal #'s
Week 8 – TEST NOTEBOOK CHK -ratio, add &sub fractions that have common denominators, writing div answers as mixed numbers, multiples	Week 26 –Writing fractions & decimal as percents, comparing fractions by converting to decimals, fraction problems
Week 9 – Using manipulative to reduce fractions , add & sub mixed numbers,	Week 27 – TEST Capacity, area of a triangle, scale factor and ratio problems
Week 10 – TEST - Mult fractions; reducing fraction by div by CF, LCM, Area of Rectangle	Week 28 – NOTEBOOK CHK Volume of rect prism, proportions, order of operations part 2
Week 11 – Expanded notation and elapsed time, writing % as fractions part 1, dec place value	Week 29 – Using cross products to solve proportions, area of a circle, finding missing factors

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Week 12 – TEST NOTEBOOK CHK -Decimal #'s and fractions, subtracting fractions	Week 30 – TEST -Using proportions to solve ratio problems, geometric formulas, expanded notation and exponents
Week 13 – add and sub decimal #'s, square roots, mult decimal #'s, Using zero as a place holder	Week 31 – Classifying triangles, fractions, decimals and percents, reducing units, functions; graphing
Week 14 – TEST Finding % of a #, renaming a fraction by mult by 1, problems with fractions and decimals	Week 32 – TEST NOTEBOOK CHK - transversals, sums of angle measurements
Week 15 – worksheet	Week 33 – Fraction, decimal, percents, reducing units, functions and graphing
Week 16 – TEST NOTEBOOK CHK -div a decimal # by a whole #, expanded notation and mental multiplication, Circumference and Pi	Week 34 – TEST - Mass and weight, perimeter of complex shapes, algebraic addition
Week 17 – Subtracting Mixed #'s and regrouping, decimal # line, div by a fraction, rounding dec #'s	Week 35 –Proportions and percent problems, two step equations, area of complex shape
Week 18 – TEST Mentally div decimal #'s by 10 and 100, decimals chart; simplifying fractions, reducing by grouping; factors equal to 1; div fractions	Week 36 – TEST NOTEBOOK CHK - Transformations, corresponding parts; similar triangles, symmetry

Supplies Needed for this Course

Saxon 7/6 Textbook and workbook

Graph paper, protractor, dividers, 1 1/2 inch binder, ruler, 2 packs of Sticky notes, index cards

The Classroom:

In order to be successful in the classroom I expect all of us to respect each other by allowing others to speak without interruption and participating in class in a way that is not distracting to others. Let's have fun while we are learning.

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At Home:

Keeping up with the homework each day it is assigned will help you retain information better. Do not cram all of the weeks work, the night before class. Our sticky notes will help you mark down any problems you encounter in the homework that week in order for us to review. Your notes and graded homework will be an excellent tool for you to look over before class, a quiz or test.

How to Get an 'A' in this Class:

Take the homework seriously. Homework is used as a tool to sharpen the skills that you have learned during the week and constantly reminding you of the skills you will need to use as building blocks for new mathematical concepts. Your homework is expected to be submitted on time.

There will also be a notebook check every fourth week. For example, week 4, week 8 ect. We will go over how I would like your notebook to look during our first class.

Participation is also a very important part of our classroom, even I this means asking the questions that no one wants to ask. Your questions will always help someone else. BE BOLD.

Extra Credit

There will be an opportunity for an extra credit before christmas break and during spring break if needed. Please reach out if you would like to discuss any other options for your child.

Absence and Late Work Policies

See your Partnership Agreement for these policies. I WILL NOT accept any homework that is over 2 class periods late unless it has been worked out prior with me. There are no exceptions to this rule! You must text, email or speak to me to work out a new assignment date for sickness, vacations or any other reasons for missing class.

Expectations

You may expect the Teacher to:

- Be prepared, on time and fair in the classroom.
- Respond to phone or email messages within 24 hours.
- Be available for conferences or discussions per appointment.
- Work hard to see every student succeed.
- Be available by text or email to answer questions or concerns.

I will expect the Parents to:

- Be aware of the current assignments for their students.
- Oversee the work at home making sure that students complete the assignments.
- Provide the materials the students need to be successful in this class.
- Proctor the Take-Home Tests, signing and sealing them to be returned to class
- Contact the teacher if there are any problems ASAP
- Check grades every week to see how their child is doing! This is IMPERATIVE. I do not put grades on student's work; I post them to this site with notes. You will need to check this often to make sure your child is getting good grades and to communicate with me.

I will expect the Student to:

- Be polite and have good manners at all times! (See the Code of Conduct)
- Keep current with all assignments.
- Do all of their own work with honesty and integrity
- Ask questions and ask for help when they need it.
- ALWAYS be prepared for class, that includes course material, paper, and writing utensils.