



Summer Work

Khan Academy - Get Ready for 6th Grade

Students,

I hope you had a good 5th grade year and that you have a restful summer planned! Part of that summer will be completing summer work. This work will help keep your math skills fresh so that you begin the 6th grade strong.

During the last part of 5th grade, I came into your classrooms and helped you sign up for Khan Academy and for my Summer 6th Grade Google Classroom. ***The summer assignments are posted on Khan Academy.*** You can access the assignments by going to khanacademy.org/login and using your school email address and password to log in. You will land on the "My Assignments" page and be able to begin. You may use the "Get Ready for 6th Grade" Google Classroom throughout the summer to ask me questions. I will also use GC to post messages to you, so check it often.

Complete the assignments in order, having your parents initial when a video has been watched and an exercise has been completed. Record your raw score (number of points) for the exercises (you may complete these as many times as you want if you want to improve your score.) ***I will be able to see your progress throughout the summer. BEWARE: Khan Academy does not count a video as "completed" unless you watch to the very end. DO NOT stop the video or leave it before the video stops on its own - otherwise, I can't give you credit for watching a video.*** You are always able to see which videos you have watched and the scores on your exercises from your student dashboard.

Please do not wait until the last minute to begin these assignments. Make a plan for completing the work, taking into account already-scheduled time that you will be away from home. The completed paper is due on the first full day of class (August 12) and will count as your first **test** grade (I will be cross-checking the paper with the information I can see at the website on my teacher dashboard.) There will be a **quiz** over the summer work during the first week of school.

If you begin early, you will not have to fret about getting everything done. You can do this the hard/easy way (buckle down, start early, stay steady, be done and have nothing left to do for the couple of weeks before school starts), or the easy/hard way (forget about the work till the last minute, panic, spend several days at the end of your summer doing nothing but math.)

Enjoy your summer, and I will see you in August!

Mrs. Quinby

Khan Academy Instructions:

For students who previously attended St. Rose:

I have already put you into the appropriate class at Khan Academy. All you have to do is:

- 1) Go to khanacademy.org/login
- 2) “Continue with Google” and use your school login information.
- 3) Begin the assignments listed under “My Assignments.”

My school login: _____

My school password: _____

For new-to-St. Rose students:

- 1) Go to khanacademy.org/join
- 2) Enter the class code that is at the top of the spreadsheet **in red**.
- 3) Create an account, being sure to use a name that I can attach to you.
- 4) Begin the assignments.

Unit 1 - Get ready for ratios, rates, and percentages

Lesson 1 - Multiplication and division word problems

	Item to complete	Your Score	Out of	Parent initials
Division word problem: field goals	Video			
Multiplication word problem: pizza	Video			
Multiplication and division word problems	Exercise		7	

Lesson 2 - Convert units of measure

	Item to complete	Your Score	Out of	Parent initials
Converting units of time	Video			
Convert to smaller units (sec, min, & hr)	Exercise		7	
Converting units: US volume	Video			
Same length in different units	Video			
Convert units (US customary)	Exercise		7	

Unit 2 - Get ready for arithmetic operations

Lesson 3 - Multi-digit multiplication

	Item to complete	Your Score	Out of	Parent initials
Estimating multi-digit multiplication	Video			
Relate multiplication with area models to the standard algorithm	Video			
Intro to standard way of multiplying multi-digit numbers	Video			
Understanding the standard algorithm for multiplication	Video			
Multiply by 1-digit numbers with standard algorithm	Exercise		4	
Multiplying multi-digit numbers: $6,742 \times 23$	Video			
Multi-digit multiplication	Exercise		4	

Lesson 4 - Multi-digit division

	Item to complete	Your Score	Out of	Parent initials
Estimating multi-digit division	Video			
Introduction to dividing by 2-digits	Video			
Long division with remainders: $2292 \div 4$	Video			
Long division with remainders: $3771 \div 8$	Video			
Basic multi-digit division	Exercise		7	
Dividing by 2-digits: $9815 \div 65$	Video			
Dividing by 2-digits: $7182 \div 42$	Video			
Dividing by 2-digits: $4781 \div 32$	Video			
Division by 2-digits	Exercise		4	

Lesson 5 - Adding decimals

	Item to complete	Your Score	Out of	Parent initials
Introduction to adding decimals: tenths	Video			
Adding decimals with ones and tenths parts	Video			
Adding decimals (tenths)	Exercise		4	
Adding decimals with hundredths	Video			
Adding decimals with ones, tenths, and hundredths	Video			
Adding decimals (hundredths)	Exercise		4	

Lesson 6 - Subtracting decimals

	Item to complete	Your Score	Out of	Parent initials
Strategies for subtracting basic decimals	Video			
Subtracting decimals (tenths)	Exercise		4	
Subtraction strategies with hundredths	Video			
More advanced subtraction strategies with hundredths	Video			
Subtracting decimals (hundredths)	Exercise		4	

Lesson 7 - Multiplying decimals

	Item to complete	Your Score	Out of	Parent initials
Understanding decimal multiplication	Video			
Multiplying decimals using estimation	Video			
Developing strategies for multiplying decimals	Video			
Understand multiplying decimals	Exercise		4	
Developing strategies for multiplying 2-digit decimals	Video			
Multiply decimals (1 & 2-digit factors)	Exercise		4	

Lesson 8 - Dividing decimals

	Item to complete	Your Score	Out of	Parent initials
Dividing a decimal by a whole number example	Video			
Divide decimals by whole numbers	Exercise		4	

Unit 5: Get ready for geometry

Lesson 1 - Area and perimeter

	Item to complete	Your Score	Out of	Parent initials
Area and perimeter word problem: dog pen	Video			
Area and perimeter word problem: table	Video			
Area and perimeter situations	Exercise		4	
Represent rectangle measurements	Exercise		4	
Area and perimeter of rectangles word problems	Exercise		7	

YOU ARE DONE!!