

# MATH HANDBOOK

Sycamore Canyon School  
Mr. Haver

## It All Begins in the CLASSROOM!



- #1) **BE THERE:** We care about you and want you to succeed! Unless you're sick, you should be at school. If you're out, make up your work so you don't fall behind.
- #2) **ACTIVELY PARTICIPATE:** Raise your hand, ask questions, and make mistakes (we ALL do)!
- #3) **LISTEN CAREFULLY:** Tune in to the lesson. Look at the teacher when he/she is speaking.
- #4) **WRITE IT:** Take notes and do the examples in class. Follow along with the lesson.

## Now It's HOMEWORK Time!



- #1) You should head your paper with the assignment title, page number(s), and exercise numbers. You are ready to go! Remember to write neatly, put space between your problems, and ALWAYS use a pencil.
- #2) Write the problem number and copy the problem. If it's a word problem, write down the important facts of the problem only.
- #3) Show ALL of your work! Keep it organized and don't **SMUSH** everything to fit it in a tiny space! Circle or box your answer.
- #4) Check for reasonableness. Does your answer make sense? Can you estimate to check?

## What if You Need Help with HOMEWORK?

- #1) LOOK at the lesson examples in your book. LOOK at the examples that we did in class together. Work them out on a separate piece of paper and check your answers.
- #2) Go to the BIG IDEAS WEBSITE. You will not be disappointed. It has EVERYTHING (just look at the next slide for a few website help ideas)!
- #3) See your teacher before school for a quick question about homework or after school for MORE help.



## What if You Need Help & You Are Near a Computer?

Log on to the BIG IDEAS WEBSITE.



**How to Log on to the Big Ideas Website**

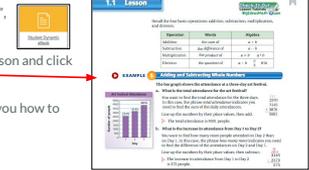
To login → click the button: then your teacher's website → click Log in w/ LDAP:

and log in with Q credentials: Username @ School  
Q Password @ School

→ If successful, your name should appear in the upper right corner → click the icon: and this will take you to the Resource Page: → bookshelf page:

## BIG IDEAS Website Resources for YOU

In the "Student Dynamic eBook", find the examples from your lesson and click the icon. It will show you how to do the problems, step-by-step.



## Relearn or Explore Math Topics in BIG IDEAS!

Get extra practice using the "Skills Review Handbook" or "Basic Skills Handbook" with exercise documents and the answers too!



**Skills Review Handbook (Middle School)**

Topic 1: Whole Numbers	Topic 13: Volume of Solids
Topic 4: Fractions and Mixed Numbers	Topic 14: Angles, Similarity, and Symmetry
Topic 5: Decimals	Topic 15: Surface Area
Topic 6: Integers	
Topic 7: Ratios and Proportions	
Topic 8: Exponents and Powers	
Topic 9: Probability	
Topic 10: Statistics	

**Basic Skills Handbook**

Topic 1: Whole Numbers	Topic 7: Two-Dimensional Figures
Topic 2: Fractions and Mixed Numbers	Topic 10: Perimeter and Area
Topic 3: Decimals	Topic 11: Surface Area
Topic 4: Integers	
Topic 5: Ratios and Proportions	
Topic 6: Exponents and Powers	
Topic 8: Statistics	

## Looking for MORE Useful BIG IDEAS Tools?

More help is available at "Check It Out". Utilize the Progress Checks throughout each chapter!

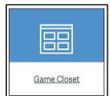


These are online practice quizzes with instant feedback on how you did!



## Do You Learn BEST by Playing GAMES?

Experience the "Game Closet", organized by topic.



**Big Ideas Math Game Closet (Middle School)**

<b>Coordinate Plane</b>	<b>Operations with Decimals</b>
Let's Go Shopping: Spanish (English)	Amazing Decimals: Spanish (English)
<b>Data Analysis</b>	<b>Operations with Fractions</b>
Let's Go Shopping: Spanish (English)	Fun With Fractions: Spanish (English)
<b>Decimals</b>	<b>Order of Operations</b>
Save the Number: Spanish (English)	It's About Numbers (English)
<b>Expressions and Equations</b>	4-Shape: Russian (English)
It's Check for New Systems (English)	7-Week 10: Spanish (English)
Let's Go Shopping: Spanish (English)	6-6 Shape: Russian (English)
<b>Fractions, Decimals, and Percents</b>	6-6 Pin: Spanish (English)
Save the Number: Spanish (English)	6-6 Pin: Spanish (English)

## What Do You Do When ALL Else Fails?

"Live Tutorial Chat" will get you through the tough spots, Sunday through Thursday, from 4pm to 12am ET (Eastern Time).



## Is it Time to STUDY for Your Test?



#1) Review your notes and homework problems for each section to be tested.

#2) Rework ALL of the homework problems you missed.

#3) Take an online practice quiz.



#4) Study the "Chapter Review" and/or take the "Chapter Test" from your book at the end of the chapter.

## Are YOU Prepared for Your Assignment Check?

#1) Are all of your homework assignments labeled correctly, with the lesson, page, and problem #?

#2) Did you copy the problem (or take notes for the word problems) and show all of your work?

#3) Did you correct the problems that you marked wrong?

**HELPFUL HINT:** You can check and compare your assignments with a study buddy. If anything is missing, take the time to fix it now!

## Assignment Checks Are a Piece of



This is what it will look like:



You will have to COPY the problem, SHOW all work to SOLVE the problem, and circle/box your ANSWER.

