# Carver Christian High School

### Carver Logo BW LogoMath 7 – Course Outline

## ***Teacher: Ms. Chou***

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## ***mschousclass.weebly.com***

Mathematics is an exercise of the mind, a symbolic language used to communicate and describe ideas, understandings, and concepts. It is more than just understanding numeracy and space and developing computation skills. Math is a tool used to examine, investigate, explore, and experience creation. In math, the more we discover the awesomeness of God and His handiwork in creation, the more we comprehend the character of our Creator and His unfathomable greatness.

**What will we be learning in this course?**

We will be covering skills including the following topics:

* Multiplication and division facts to 100
* Operations with integers
* Operations with decimals
* Comparing and contrasting fractions, decimals, percent, and ratios
* Discrete linear relations
* Two-step equations
* Circumference and area of circles
* Volume of rectangular prisms and cylinders
* Cartesian coordinates and graphing
* Transformations
* Circle graphs and pie charts
* Experimental probability with two events
* Financial percentage

**Why are we studying math?**

Math is all around us, and you use it every day whether you realize it or not. For example, you might use estimation to see if you have enough time to make it to the next save point in your video game before needing to leave for your music lesson. Similarly, you probably sum up the items you are purchasing as you shop to see if you have enough cash. Some questions to consider while studying math:

1. Where can I use my skills learned in mathematics to solve problems?
2. How does my study of mathematics help me to appreciate and understand God’s design of creation?
3. Why is the study of mathematics a means of seeing God’s faithfulness and reliability in creation?

**Materials:**

* Binder (1.5 – 2”)
* Dividers (4 sections)
* Pens/pencils
* Student planner
* Lined & blank paper
* Math textbook

\*Please bring your electronic device to class only on days specified\*

**Classroom expectations:**

* Come to class on time, prepared, and ready to learn and explore
* Respect others (treat others as you would like others to treat you)
* Respect the classroom environment materials
* If you are absent, it is your responsibility to find out what you missed by asking your peers and checking the class website for notes and/or homework
* Try your best!

**How does grading work?**

Per semester:

(40%) Tests

(35%) Quizzes

(25%) Homework

Final grade:

(40%) Semester 1

(40%) Semester 2

(20%) Final Exam

\*mark distribution may be subject to change\*

**What you can find on the class website:**

Website: mschousclass.weebly.com

Reminders for any homework

A summary of the day’s activities, (good for if you miss a class)

Worksheets/handouts from the day’s class

**Extra Help:**

If you require extra assistance for completing activities or studying for a test, I will be happy to help. Beyond asking questions in class, you can come see me during my Homework Club during lunch on Fridays.

***Welcome to Math 7***

Ms. Chou

[schou@carverchristian.org](mailto:schou@carverchristian.org)

mschousclass.weebly.com

* Parent/Guardian please sign below to acknowledge you have viewed the course overview.

Parent/Guardian’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_