

Math Masters!

Preparing to Master the HiSet Math Exam



It is so exciting to learn about God's creation in mathematics! Our specific purpose is preparing for the math section of the high school equivalency exam [HiSet](#). The goal of these tutoring sessions is to prepare you to pass this exam.

Test Date Goal: Before birthday in November

Test Score Goal: At least 8; shooting for 15

Time Until Then: 10 weeks

Schedule

Date	Start Time	Topic*
September 14	6:00 p.m. (1 hour)	Properties of Numbers (Step 1)
September 21	6:00 p.m. (1 hour)	Addition & Subtraction (Steps 2-3)
September 28	5:00 p.m. (2 hours)	Multiplication (Step 4)
October 5	5:00 p.m. (2 hours)	Division (Step 5)
October 12	5:00 p.m. (2 hours)	Fractions (Step 6)
October 19	6:00 p.m. (1 hour)	Ratio, Proportions, & Percent (Step 8)
October 26	5:00 p.m. (2 hours)	Statistics & Probability (Step 9)
November 2	5:00 p.m. (2 hours)	Algebra of Lines (Step 10)
November 9	5:00 p.m. (2 hours)	Practice Exam and Review
November 16	6:00 p.m. (1 hour)	More review

**Note: The topic is subject to change based on mastery of the material. If we need to take more time on a topic, we will! Or if the topic comes more easily and takes less time, then we will move right ahead.*

Even though it looks like we will take a long time before getting to algebra, we will actually be learning algebra in each session, starting with the basic arithmetic principle and then applying it to algebraic notation and problem-solving. Don't worry!

Structure

In order to really master the material in a short period of time, you will need to commit **4 hours** of study and practice for each topic. That sounds like a lot, so we are going to break it up like this:

1. First, we meet for 1-2 hours on Wednesday to discuss and practice that week's topic.
2. Then, you revisit the material on **The Orchard** for 45 minutes, four days of the week.

In other words...

Wednesday: New Topic

Thursday: Review and Practice (45 minutes)

Friday: Review and Practice (45 minutes)

Sabbath: Take a space break

Sunday: Review and Practice (45 minutes)

Monday: Take a space break

Tuesday: Review and Practice (45 minutes)

What's "The Orchard"?

Great question! That is the online space where you can access videos, practice problems, and more as part of your review. The web link is www.thecarpentersacademy.org/lms.

You can also access it on your mobile phone by downloading the [Moodle app](#) and logging in.

Another Tool

Another tool we will use is called **GradeCam**. You can download the [Gradient by GradeCam](#) app to easily scan and grade your worksheets so you know what you did well on immediately.

Scripture

"If any of you lacks wisdom, let him ask of God, who gives to all liberally and without reproach, and it will be given to him. 6 But let him ask in faith, with no doubting..."

James 1:5-6