

# MCST Summer Math Assignment Information

## Summer 2016

All students will be required to complete selected math exercises over the summer. The successful completion of these assignments will be part of your grade in math in September. It is important that you follow the directions carefully to ensure that you are set up in our math “classes” and that you receive proper credit for completing the work. If you fail to correctly establish the connection through Khan Academy that links to our teacher coaches, none of your work will be recorded in our system and you will not receive credit. Please be aware that you may have multiple email accounts that are recognized by Khan Academy, but you have to use the same one to choose your MCVTS Summer Coach and login for all of your required summer work.

**Click on the link that corresponds to the course you will be taking in September.**

[Algebra I](#)

[Geometry/Geometry Honors](#)

[Algebra II](#)

[Algebra II Honors](#)

[Pre Calculus](#)

[PreCalculus Honors](#)

[Foundations of College Math](#)

[Probability and Statistics](#)

[Calculus](#)

[AP Calculus AB](#)

- It is suggested that learning sessions should be 10 to 15 minutes long, with no more than 30 minutes in a single day. Students should strive for two or three learning sessions per week. This is the most effective learning pace.
- Students’ overall level of mastery will be taken into account. Students must get three to five problems correct in a row in order to be considered “practiced” in a skill. They must then continue to take mastery challenges during their sessions in order to reach level one, two, or mastery. Mastery challenges are offered over spaced intervals and student

should look for them. Once a mastery challenge is attempted, another challenge will not be offered for sixteen hours. This ensures spaced practice.

- This assignment will count as a project grade at the beginning of the next school year. The grade will be based on the total number of minutes trained as well as level of proficiency attained. See rubric below.
- Just do a little every week, and don't forget: you can access khan academy from your tablets or smartphones!

### **Rubric For Grading Khan Academy Summer Math Assignment**

#### Practice Problems Assigned

Mastered	4.0 points
Level 2	3.7 points
Level 1	3.3 points
Practiced	3.0 points
Struggling	2.0 points
Not Practiced	0 points

Score for Practice Problems:  $(\text{total points earned}) / (\text{total points possible})$

Score for Video Tutorials:  $(\text{total \# videos viewed}) / (\text{total \# videos assigned})$

Overall Score:  $(\text{Total Points Earned}) / (\text{Total Points Possible})$