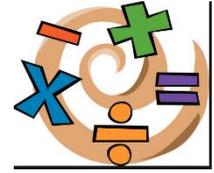


# Welcome to LVS 6-8 Math!



We are excited to take the journey together this year with our LVS families! We have some resources and support as well as the fabulous K12 curriculum. We are excited to again offer ClassConnect sessions for the math students. We hope you will come to the sessions and get the jump on asking questions! You'll find class chat times, list of class recordings in case you missed class, daily mental math practice and other helpful math resources on our math website. It can be found under "Helpful Links" on the homepage of Ms. Gorman's website: <http://msgorman.weebly.com/> We'll be adding to it as the year goes along so please send us things you would like shared with other students as well.

## MATH MAP INFORMATION SHEET

**What is a Math Map?** It is a step by step guide to lead you through your middle school math course. K12 is a fantastic curriculum, but no one curriculum aligns perfectly to Kansas Standards (Kansas College and Career Ready Standards). Therefore, in order to achieve the highest level of success for our students, we have aligned the K12 curriculum to the Kansas Standards. As a result of that alignment we have rearranged the order of some units and put it into a timeline. This rearrangement will aid in your students understanding the Kansas Standards and K12 curriculum concepts.

**Why a calendar schedule?** You will notice there are dates for the lessons. This is to give you an idea of where a student moving at a regular pace through the curriculum should be. More importantly it will help students to know the general topics of the Blackboard ClassConnect sessions offered by the teacher online. Teachers will be working on the skills in the corresponding lessons for the week. The schedule is tentative and will be followed as closely as possible. If students are unable to attend *Live* sessions, recordings will be available. Your Education Specialists will be sharing the schedule of the math sessions offered with you.

**What are Study Island Quizzes?** In an effort to help students review important math skills, students should utilize the Study Island website (more information concerning Study Island, logins and passwords, will be shared with you by your Education Specialist at a later date) which has lessons, practice and quizzes on the important math skills. You'll see that in the math map starting in October, the class chats will focus on a skill in the math standards along with the K12 curriculum. Practice and a quiz for the skill can be found in Study Island. There is also a separate document for those that wish to see all study island quizzes on the same page rather than within the math map.

**What is the Weekly Mental Math Practice?** In an effort to support students that need to review important math skills, a weekly mental math practice sheet will be available on the math website. This will give students a chance to spend time with some of the basic skills and not rely on their calculator or a review for help. Having a problem a day doing mental math can help keep these basic skills sharp.

# **Best Tips and Practices for Math**

## **Read the online lesson completely and take notes**

Include keywords, examples, and formulas. While the information may seem to make sense, the extra step of writing it down will make it more memorable.

## **Practice all the problems in the assigned problem set**

In general students need a lot of practice to remember a skill. Doing enough to feel comfortable at the time does not yield well in mastering the concept and showing proficiency when it appears again weeks or months later.

## **Show all work**

While concepts and skills may just contain a few steps now, eventually the material will require so many steps that doing problems in your head will not be possible. Now is the time to start the good practice of writing down your steps so you can see where you are in the problem and know where you are heading. Also, writing down the steps helps to again make the process more memorable.

## **Ask Questions**

Don't put off the questions that you have. They build up and lead to frustration. Ask your learning coach or teacher as you come across questions to keep moving forward and feel success.

## **Discuss the Concepts**

Talking about what you are learning is a key element to learning. Have a discussion with your learning coach and come to the online chats to get a chance to hear what others have learned and to share what you have learned as well.

## **Review**

Take time to bring back concepts that are a little rusty instead of always soaring ahead. A typical time to do this is at the end of a unit, semester or year. Take time to reflect and recall. Remember that just because you could do a skill after seeing several examples may not mean you can show mastery of it out of the blue. Take the time to see what you can still do.