

# 7<sup>th</sup> Grade Math Syllabus (MS1)

## COURSE OVERVIEW

According to the Washington State Learning, in Grade 7, instructional time should focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples. The materials, lessons and activities used in this classroom are carefully selected to meet these requirements. Special attention is given to assure that students are meeting benchmarks through demonstration, application, and communication of knowledge as part of their course grade. In addition, students will reflect upon their commitment to quality, work habits, communication, citizenship, attendance, and punctuality as preparation for the work force.

## GRADING

**Daily work** –this includes classroom work, required homework assignments, writing assignments, and employability skills. Homework will be assigned on most days (see below). I am available before school, during lunches by appointment, and after school to help students with their daily work. I encourage students to see me during these times to get extra help if needed.

**Quizzes** – short assessments of recent daily work. Quizzes will vary in length and type (individual, open book, group, notes allowed, etc.)

**Tests** – given at the end of each unit or periodically throughout the semester as needed.

**Cheating on any assignment given in this class will result in a zero for the assignment and will be addressed according to the Student Handbook.**

## GRADING SCALE

|         |    |               |    |
|---------|----|---------------|----|
| 93-100% | A  | 78-79%        | C+ |
| 90-92%  | A- | 73-77%        | C  |
| 88-89%  | B+ | 70-72%        | C- |
| 83-87%  | B  | 68-69%        | D+ |
| 80-82%  | B- | 60-67%        | D  |
|         |    | 59% and below | F  |

**Homework: HW will be assigned on most days.** It is highly recommended that students complete the assigned problems to prepare and practice for quizzes and tests. Homework provides the practice necessary for the majority of students to be successful in math.

## **MAKE-UP WORK (Absences)**

Make-up work for any excused absences will follow these guidelines:

**Daily Work** – Students will receive one day to make-up missed work for every day that they are absent. For example, if a student is gone for 3 days, they will have 3 days to make-up the work they have missed. Students will be expected to complete make-up work before or after school or at home. For lengthy absences see us to discuss missing work and due dates.

**Quizzes / Tests**– Students are expected to make-up missed quizzes before or after school, within one week of their absence. In most cases students who begin a make-up test at 3:30 will take an hour or so to complete the test and will need to arrange for transportation when they have finished.

**Make-up work is the responsibility of the student.**

## **RE-TAKES**

**Assessments** – Students that score poorly on a quiz or test will be allowed to re-take the assessment for full credit after they have completed all corresponding homework assignments and have met with the teacher for help. All re-takes must be completed within two weeks of the original assessment date.

**Re-takes on any other assignment will be left to the discretion of the teacher.**

## **EXPECTATIONS**

All GMS rules and expectations are enforced in this classroom. This includes a no tolerance policy toward any type of electronics (cell phones, ipods, mp3 players, etc.) Any student that uses their phone in class will be asked to place it in a clear bin until the end of the period and school policy will be followed. I will allow water bottles in the classroom, but no other food or drinks will be allowed unless you have a medical condition that requires you to have other items.

I expect my students to be Ready, Responsible, and Respectful. I treat all of my students with dignity and respect and expect the same in return. I would like for each of us to treat each other as we would like to be treated, working together to create a learning environment that everyone enjoys. This means no put downs, swearing, sexual harassment, or bigoted comments will be allowed. By leaving the crude and rude at the door, we are one step closer to being successful in the classroom and in life.

If you have any questions or concerns you can contact me at:

Kyla Gellerson

[Kylag@spokaneschools.org](mailto:Kylag@spokaneschools.org)

(509) 354-5161 (Garry MS phone number)

I have read the above syllabus and agree to abide by the expectations it describes.

Student signature \_\_\_\_\_ Date \_\_\_\_\_

Parent/Guardian signature \_\_\_\_\_ Date \_\_\_\_\_

Resources for extra support, additional practice, and challenge problems to be used at the discretion of students and families.

## Extra Support

### Skill Based Support

#### **Moby Max** – Log in through Clever

Moby Max allows students to take an online assessment that will help to identify areas where students need additional practice from prior grade levels. This program is great for filling in gaps for material that students may have missed, or in which they needs more practice. The program provides repeated practice problems so students can master a skill.

### Additional Support and Practice for 7<sup>th</sup> Grade Math

#### **Mathia** – Log in through Clever

#### **Khan Academy**

<https://www.khanacademy.org/>

Khan Academy allows students to work through grade level content at their own pace. Short videos and a small set of practice problems are provided for each concept. This program can be used in many different ways. A student could choose a grade level, for example 6<sup>th</sup> grade and take the Course Challenge quiz to help determine areas in which they need more practice. Or, they could work through each of the assignments and watch the videos if they need additional support. This program can be used to master prior grade level content, or in conjunction with their math class for additional lesson support as we move through our book this year. Parents can use this as a “check” at home to see if students understood the material for the day or week. Click this link to see the material that is aligned to our curriculum this year.

<https://www.khanacademy.org/math/k-8-grades#7th-grade-illustrative-math>

#### **Mr. Morgan’s Math Help**

<https://sites.google.com/view/mrmorgansmathhelp/illustrative-mathematics>

This site provides additional videos for each section of our book to help at home. Scroll down, and he also provides links to the Khan Academy videos and practice problems that align with each section of the book.

### Getting Ready for Next Year (or this year)

#### **School Kit (PBS)**

<http://schoolkitgroup.com/illustrative-mathematics-video-learning-series/>

Longer videos for the 24 most essential concepts for 6<sup>th</sup> – 8<sup>th</sup> grade math and algebra are here. Students could go through the 6<sup>th</sup> grade videos prior to school starting, or at the beginning of the year to review important 6<sup>th</sup> grade skills. They can follow along in 7<sup>th</sup> grade as we address major concepts.

#### **Math: Get Ready Courses**

<https://www.khanacademy.org/math/get-ready-courses>

Shorter grade level courses that focus on the most important ideas for the grade level. Short videos and practice problems that can be used as review.

Need a Challenge?

These are great problems to tackle as a family. Choose a new one each week or two, to discuss as a family. 😊

### **YouCubed**

<https://www.youcubed.org/>

This website provides a wide variety of tasks that will make you think a little deeper about what you are learning. We will use some of these in class.

### **Math 4 Love**

<https://mathforlove.com/lessons/>

The rich tasks and games will provide fun for everyone.

### **NRICH**

<https://nrich.maths.org/secondary>

Tasks, challenges, games etc.