## Geometry 2020/21

**COURSE DESCRIPTION**

Geometry means “Earth Measure”. In this class, you will learn vocabulary, notation, concepts and strategies to measure the earth around you. Topics we will study in this class include: basic geometric notation, linear measurement, everything angles, linear structure and corresponding graphs, triangle classification and properties, congruence vs similarity, transformations, polygons, circles, right triangle trigonometry, area, volume, and more.

**INSTRUCTOR INFORMATION**

Instructor: Sara Schaaf Reschke Room: CDL- online, Hybrid- Rm 206

Email: schaafs@wlwv.k12.or.us Class page: Google Classroom

Phone: Please email me or message me on Google Classroom

Office Hours: Chat rooms during work time or message me to request alternate time

**REQUIRED MATERIALS ( \* denotes recommended, but not required item)**

Computer with camera Pen

Notebook with lined paper Highlighter/colored pencils (to make notes stand out!)

Graph paper/notebook with graph paper \*Copier/scanner

Phone/devise to take pictures/scan work \*Ruler/measuring tape

Pencils \*Protractor

**GRADING**

Unlike last spring, you will be graded this year. Rather than viewing grades as something final, I like the mindset that grades are a way of giving you feedback as to your present understanding of the objectives/standards I will teach this year. Your understanding will be ever-changing and hopefully improving throughout the year. Thus your grades will be ever-changing and hopefully improving as well.

Below are the 10 objectives I hope to cover this quarter. Normally this is taught in a semester, but due to your reduced schedule of only 3 classes per quarter we will cover this material in 9 weeks. Each will count towards 10% of your grade. 10% x 10 objectives = 100% ☺

1. Connections and Algebraic Prerequisites
2. Geometry Basics
3. Linear Measurement
4. Angles
5. Slope & Equations of Lines
6. Transversals and angles formed by parallel lines
7. Triangle Classification
8. Triangle Sum Theorem and Corollary
9. Properties of Isosceles and Equilateral triangles
10. Congruent Figures and Congruency Transformations

Every assignment will fall and be labeled under one of the above objectives. That way when you view your grades you can see what objectives you’ve met/mastered and where you can make improvements.

**SCORING**

Assignments will most often be out of 5 points. Although I can score you on the spectrum of 0-5 points, in general the integer (0,1,2,3,4,5) scores can be interpreted along this proficiency scale:

0: no evidence

1: little evidence

2: basic understanding

3: emerging knowledge

4: meets objective

5: proficient

6: exceeds objective – to score above the “maximum” assigned points you may do such things as prove your answers(s), show why your answer works, solve a problem more than one way etc.

More formal assessments may be worth greater multiples of 5: 10, 15, 20 etc.

**CLASSROOM Expectations**

1. Beon time to class.Remain in meeting until class end.
2. Always be respectful and courteous to everyone in class and in small break out rooms. Privately report to teacher (in private “chat”, email or google classroom message) if you witness or are a victim of any distasteful, disrespectful behavior anytime during class. We will discuss and establish Zoom video classroom norms and expectations.
3. Be prepared with notebook and pencil daily. As neatly and organized as possible, show all work in your notebook.
4. Engage in the work we do each day.
5. Cell phones must be silenced and remain somewhere where they are not a distraction.
6. If you need to leave to use the restroom, get a snack etc. please private message me (teacher) in the “chat” feature. Do not just leave the meeting.
7. When you are absent check Google Classroom and complete missed work
8. Ask questions
9. Take advantage of anyone willing to help you learn
10. Finally, I will be counting on all of you this year to help me navigate this new way of learning. I want this to be enjoyable and effective for you, so your input will be appreciated and valued. We must remember we are all new to this, so we must practice patience, grace and love each and every day.

I look forward to getting to know and working with each one of you. Please never hesitate to reach out for extra help or if you’d just like to talk. I am here for you!

Sincerely,

Ms.Schaaf