

# Math B Syllabus

2019 – 2020

kegan.davis@bullitt.kyschools.us

Welcome parents and students to my classroom. Below you will read about classroom expectations, what is covered throughout the year, grading policy as well as products produced in class. We will maintain a notebook as well as file folders where student work will remain. We will be utilizing our chromebooks on occasions for assessments and classroom assignments. All I want for my students is for them to do their best and to TRY, but as I am here to teach, you are here to learn. Make sure to bring all proper class materials and ready to learn.

## CLASS OVERVIEW

**RESPECT:** given and received from all individuals upon entering the classroom

**EFFORT:** Give your best effort!

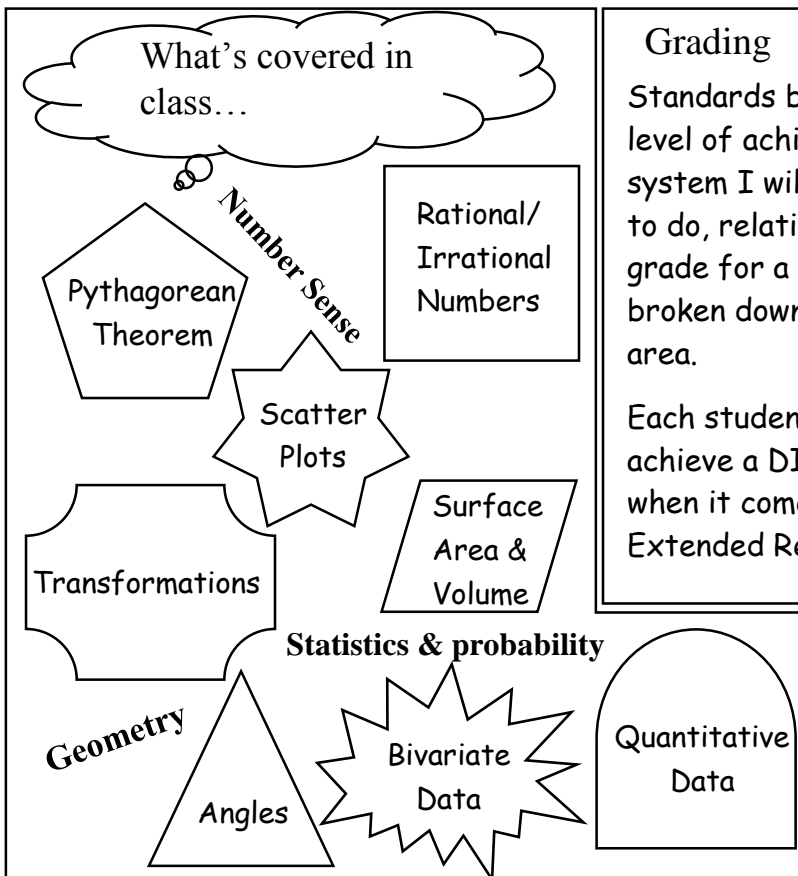
**PROCEDURES:** follow all class guidelines and procedures

**TIME:** Be on time; don't waste time

**PREPARED:** Bring all proper materials

**LANGUAGE:** It is not what you say it is how you say it; the content you use it in

Any violation of these expectations will result in proper discipline according to the student handbook and BCPS



### Grading

Standards based grading (SBG) sums up a student's level of achievement. In a standards based grading system I will report out what your child knows and are able to do, relative to the academic standards. Instead of overall grade for a subject area, the subject area is further broken down into specific topics that were covered in that area.

Each student will have access to what the standard is to achieve a **DISTINGUISHED** on all writing assessments when it comes to Short Constructed Responses (SCR) and Extended Response Questions (ERQ) on their desks.

### Assignments, Projects & Tests

SBG Level	% Grade
4	100%
3.5	95%
3	90%
2.5	80%
2	70%
1.5	65%
1	60%
0	50%

All products for this class will have a rating of the scale below displaying the student's knowledge level. Each assessment and feedback helps the individual student self-assess and gives them clear evidence of where their strengths and weaknesses are throughout the school

Formative Summative

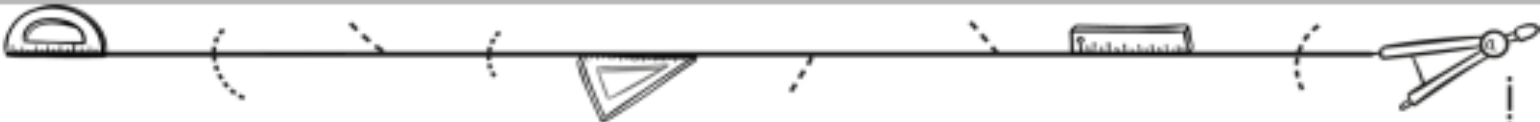
HW/Proj	Test	Quiz
20%	60%	20%

### Test Retakes

Every student can re-test any assessment (excluding ERQ and SCR) with the pre-requisite qualifications. This means if a student wishes to re-test the student will be given a skill focused assessment (IXL, paper, verbal etc.) where they must obtain an 80% or better to be eligible to re-test. Below are the time frames

**Quizzes:** Retake within 2 weeks from administered date

**Tests:** Retake up until one week prior to term ending



UNIT	LESSON TITLE	STUDENT OUTPUT	KAS
<b>1</b>	Rational and Irrational Numbers	Classifying Sort	8.NS.1
	Converting Rational Numbers	Classifying Sort	8.NS.1
	Approximating Non-Perfect Squares	Illustrating number lines	8.NS.2
<b>2</b>	Angle Sums and Similarity	Guided Notes	8.G.5
	Angle criteria for Similarity	Notes	8.G.5
	Parallel Lines and Transversals	Creating transversals	8.G.5
<b>3</b>	Proving Pythagorean Theorem (P.T.)	Task Cards	8.G.6
	Real World Pythagorean Theorem	Open Notes	8.G.7
	P.T. with irregular figures	Irregular figure practice	8.G.7
	Distance on a Coordinate Plane	Real Life Maps	8.G.8
	Area/Perimeter on a coordinate plane	Perimeter/Area practice	8.G.8
<b>4</b>	Volume of Cones, Cylinders and Spheres	Real World Volume	8.G.9
	Surface Area of Cones, Cylinders and Spheres	Real World Surface Area	8.G.9
<b>5</b>	Experimenting with Transformations	Open Notes	8.G.1
	Congruent Figures	Card Sorting	8.G.2
	Scale Factor (8.G.3 Prep/Schema)	Real World Application	7.G.1
	Effects of Dilation and Transformations	Dilation Concept Map	8.G.3
	Algebraic transformation rules	Foldable Creation	8.G.3
	Creating Similar Figures	Transformation practice	8.G.4
	Describing Similar Figures	Card Sorting	8.G.4
<b>6</b>	Scatter Plots	Graph Production	8.SP.1/2
	Line Of Best Fit Interpretations	Real Life Application	8.SP.3

