

COURSE

High School Geometry
per. 3 + per. 4

SYLLABUS

- SUPPLIES**
- pencil
 - correcting pen
 - compass
 - highlighter/colors/tape opt.
 - comp. book/spiral
 - scientific/graphing calc.



GRADING

<http://lms.everettsd.org>

- late work highest grade "+"
- absent work up to full credit

• test retakes 85% ↓

EXPECTATIONS

- non-verbal
- Verbal
- Buddy Classroom
- Infraction

G	grit
U	universal respect
A	acceptance
R	responsibility
D	do what's right

PRACTICE
10%
class work
homework
etc.

ASSESSMENTS
90%
tests +
quizzes

ABSENCES

- get HW ahead of time. if vaca.
- white crate has extra copies
- everything posted on classroom website

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

CURRICULUM:

<http://www.pearsonsuccessnet.com>

24-hr live tutor!

- calculator
- notes
- lessons

ADDITIONAL INFO:

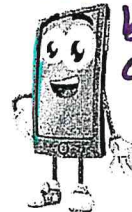
- Sem. 1 + Sem. 2 Finals (no retakes)
- Study Hall M-Th. (math teacher available)



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425-385-6742
<http://www.everettsd.org/Domain/813>

2nd lunch

24hrs notice before or after school



TEACHER

CONTACT INFO:

Enduring Understandings

Geometry is a math course which occupies the second year of a three year sequence that is driven by the Common Core State Standards. The focus of these three years is the mathematics of number, algebra, geometry, functions, modeling, and statistics and probability. As much as possible these six conceptual categories reside in this course.

Students taking geometry will get to view it divided into three categories:

1. The study of Euclidean geometry, which brings out the power of deductive reasoning.
2. Coordinate geometry (analytic), which allows the constructs to be represented algebraically.
3. Geometric modeling, which is an important problem solving tool.

Semester One

Unit 1: Probability

Unit 2: Logic and Introduction to Proofs

Unit 3: Transformations

Unit 4: Parallel and Perpendicular Lines and Angle Relationships

Units 5 & 6: Triangle Properties and Triangle Congruence

Semester Two

Unit 7: Quadrilateral Properties

Unit 8: Similarity

Unit 9: The Pythagorean Theorem and Introduction to Trigonometry

Unit 10: Volume

Unit 11: Circle Properties

Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Where data can be modeled directly with polynomial equations, much of science has attributes that can be modeled with geometry. A common theme of geometry is its application to real-world scenarios, questions, and problems.