

GEOMETRY
2018-2019 Syllabus
Mr. Lacefield

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North Bullitt High School
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<http://www.bullitt.kyschools.us/3/Home>

About the class:

Geometry is a state-required course, generally taken after Algebra 1 but before Algebra 2 (unless Geometry and Algebra 2 are taken together). Geometry is a visual mathematics involving two and three dimensional shapes, measure, logic, and transformations of polygons. Geometry is also heavily proof based. Algebra skills are necessary to solve applied multi task geometry problems. Units covered include:

- Unit 1: Foundations of Geometry
- Unit 2: Parallel and Perpendicular Lines
- Unit 3: Transformations
- Unit 4: Triangles
- Unit 5: Probability
- Unit 6: Right Triangles
- Unit 7: Polygons
- Unit 8: Circles
- Unit 9: Area
- Unit 10: Surface Area and Volume

Strategies and Best Practices Used:

Many different teaching methods and strategies will be used to ensure a successful learning experience for all students. A lot of work will be done collaboratively using the workshop model. This will include implementing: thinking strategies, discovery learning, cooperative learning, hands - on learning (manipulatives), technology, and problem-solving techniques.

Supplies needed:

- Notebook – with graph paper
- Pencil
- Folder
- Scientific or graphing calculator is **strongly recommended (TI 30 XS Multi view or TI Nspire)**
- 2 Dry Erase Markers

Calculation of student grade:

- **Flashback Grade (15%):** Each day students will use TI-Nspire calculators to complete one multiple choice problem. Once a week a problem will be randomly chosen for grading. If the student answers the question correctly, he/she earns 100%. If he/she answers incorrectly, he/she earns 50%. If a student does not answer, he/she earns 0%. If a student is absent, he/she will be exempt from this assignment. The flashbacks are worth ten percent of the final grade.
- **Formative Assessments (40%):** Formative assessments will be given periodically in the form of projects, group assignments, and writing journals. Formative assessments are worth forty percent of the final grade.
- **Summative Assessments (45%):** Tests will be given at the end of each unit. There may also be other

exams/quizzes within a unit based on the size of the unit. Summative assessments are worth 45% of the final grade.

- **Semester Exam:** Each semester there will be a final exam. Semester 1 exam is worth 20% of the final semester 1 grade and will include all learned material from August – December. Semester 2 exam is worth 20% of the final semester 2 grade and will include all learned material from the entire course. These exams are graded on a percentage scale.

The following North Bullitt High School grading scale will be used on the percentage scale:

100-90	A
89-80	B
79-70	C
69-60	D
Below 60	F

Make up work:

Make up work as quickly as possible. When a student returns to school, he/she will be given the number of days they have missed to complete an assignment. It is the **student's responsibility** to collect their make-up work. All work should be made up to prevent falling behind with mastering concepts. All tests can be made up before or after school; students should make arrangements with me. **I will not collect late work after the friday of the week the assignment was given.**

Classroom Expectations:

- Classroom expectations will be created by our class and all students in the class will be required to follow these expectations. Some of these expectations will include:
 - Come to class prepared with all materials
 - Remember to make up tests and homework when absent
 - Put forth your best effort on all work
 - Ask any questions you may have!
 - All school rules stated in the student handbook will be enforced
 - Plagiarism or cheating will not be tolerated (0 given for all cheaters involved)
 - Eagles SOAR
 - S – Show respect.
 - O – Ownership
 - A – Achievement
 - R – Responsibility
- For certain behavior situations, students who do not follow classroom expectations will be dealt with in the following manner:
 - First infraction – I will give the student a warning
 - Second infraction – I will have a student conference and contact the parent
 - Third infraction – I will write an office referral
 - If there are extreme problems, any of the above steps may be skipped according to the severity of the situation.

If your child is struggling, they need to come talk to me about receiving extra help. Each student may come to my classroom before school each morning (6:50-7:10) for tutoring. If there are ever any questions or concerns, please contact me by e-mail (hunter.lacefield@bullitt.kyschools.us) or phone (869-6200). My planning period is 3rd period. It is my honor and pleasure to be your child's geometry teacher this semester. I wish the very best for your child. As

long as we work together, this year should be very successful!

**Accommodations will be made for students with special needs through suggestions from 504 plans, IEP's, and medical requests.

Thank you,

Mr Lacefield

I have read and understand our Geometry syllabus.

Student Name:

Student Signature:

Parent/Guardian Name:

Parent/Guardian Signature:

Parent/Guardian E-mail address:

Parent/Guardian Phone Number:
