

# Honors Geometry Syllabus

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## Textbook: Math Nation Workbook

Florida Geometry; c.2015; Pearson Education, Inc.

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**Course Description:** The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the previous grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. There are seven major clusters covered: (1) Understand congruence in terms of rigid motions, (2) Prove geometric theorems, (3) Understand similarity in terms of similarity transformations, (4) Prove theorems involving similarity, (5) Define trigonometric ratios and solve problems involving right triangles, (6) Use coordinates to prove simple geometric theorems algebraically, (7) Apply geometric concepts in modeling situations.

**Honors Level Course Note:** Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

**Bridge Standards:** Bridge courses are specifically designed for students performing above grade level and those students that are self-motivated to keep up with the challenge of advanced courses. We want each of our students at The Creek to be placed in appropriate courses, with the level of each course matching both the ability level of the student and their motivation/effort. Bridge courses have set expectations and standards that are adhered to:

In order to continue to participate in Bridge/Advanced courses the student must maintain at least a 3.0/B average in each core Bridge subject area.

- If at the end of the 1st 9-week grading period, the student's course grade falls below a B, the student will be placed on probation and a meeting will be held with the student and/or parent to discuss ways to help the student improve their academic performance.
- If after the 2nd 9-week grading period, the 1st semester average for that particular Bridge/Advanced course has not reached at least a 3.0/B, a schedule change may be made for the 3rd 9-week period to a lower level course.
- At the end of the school year a B average is required to remain in each Bridge/Advanced subject area course for the subsequent school year.

- If a Gifted student is removed from a Bridge/Advanced/Gifted ELA course due to not meeting the course grade standard, the student's Gifted Educational Plan (EP) will be written through another core area Bridge/Advanced/Gifted course.
- The Bridge Program offers a special educationally centered fieldtrip for Bridge students. In order to participate in this special fieldtrip, students must have at least a B average in each core Bridge course on their most recent report card.

**Materials needed:** 1 1/2" 3-ring binder  
Pencils\*  
Notebook paper\*  
Pencil pouch  
Glue sticks\*  
highlighters  
0.5 cm or 1/4" graph paper  
calculator  
expo markers\*

\* Be sure you replenish your supply of these items as they are used up throughout the school year!

**EOC/Final Grade:** This course requires each student to take the Florida Geometry EOC assessment administered in mid-May, which is also a requirement for every student to graduate from high school. The exam will count as 30% of the final end-of-year grade for the course. Grades earned in high school credit courses start the student's high school transcript. The grades earned in these courses will not only affect their high school GPA but can affect college applications, graduation rank, and NCAA/NAIA status. If after the 1st 9-weeks grading period the grade earned is less than a "B" the student will meet with the Assistant Principal of Curriculum, Mr. Wetherington to discuss being removed from the high school level course.

#### **Grading Policy:**

- 70% of your grade comes from tests and quizzes.
- 30% of your grade comes from classwork and homework.
- Be sure to keep up with your grades by checking FOCUS at least once per week.
- All ESE/504 accommodations are provided within the classroom.

LETTER GRADE	NUMERICAL GRADE	MEANING OF GRADE
A	90 – 100	Student displays mastery of course content.
B	80 – 89	Student has a good understanding of course content. There is room for student improvement.
C	70 – 79	Student is successful with most assignments. Gaps may exist in the understanding of difficult topics. Tutorials and/or attention to good study habits may be necessary.
D	60 – 69	Student is having difficulty with course content, assistance is necessary for student improvement.
F	0 – 59	Student has major difficulty with course content. Immediate intervention is necessary.

**Homework:** Homework will be given almost every night. Assignments will be graded for completion or accuracy at the discretion of the teacher. Late homework is **NOT** accepted.

**Make-up work:** It is the student's responsibility to make up any missing assignments! All missing assignments should be made up within 3 days.

**Extra Help:** Wednesday mornings at 9 AM. No pass is needed, but you must knock on my window to be admitted into the building.

You may also access your online textbook (excellent tutorial material) and Khan Academy through "Classlink".

**Binder:** Everything must be kept in your 3-ring binder. This will be your most important possession in Geometry class this year! You must have it in class every day!

**Required readings:** Students should read over their notes and any other resources in their binder daily.

**Academic Apps:** The following apps will be utilized in class to enhance the learning and communication process: Remind, Kahoot, Math Nation, Quizlet, Plickers, and Desmos.

*\*I reserve the right to amend this list as the need arises, but parents will be notified if this list changes, and before the app or technology is used in the classroom.*

**Test Re-takes:** Extra points may be earned back by completing test corrections. This policy applies only to unit or chapter tests and will be explained in detail once the first test is returned to students.

**Behavioral Expectations:**

- 1) Arrive to class on time with all needed materials.
- 2) Show respect at all times to faculty, staff, and classmates.
- 3) Take responsibility for your own work, including make-up work.
- 4) Abide by all LCSB and Swift Creek guidelines.

**Consequences for your actions:**

Step 1 – Warning (Discipline Log)

Step 2 – Other Intervention (with a call home and possibly educative timeout, No Howl Out, etc.)

Step 3 – Lunch Detention (with a call home)

Step 4 – Front Office (with a call home and possible referral)

The teacher retains the right to amend or adjust this syllabus as needed to accomplish the standards/learning goals of the course.

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