

Geometry

Ms. Johnson

Geometry Curriculum

Quarter 1: Midpoint and Distance Formulas, Measuring and Classifying Angles, Classifying Polygons, Using Inductive Reasoning, Analyzing Conditional Statements, Proving Theorems About Perpendicular Lines

Quarter 2: Applying Triangle Sum Properties, Perform Congruence Transformations, Using Perpendicular Bisectors, Using Proportionality Theorems, Perform Similarity Transformations & Midterm

Quarter 3: Applying the Pythagorean Theorem, Using the Converse of the Pythagorean Theorem, Applying the Tangent, Sine and Cosine Ratios

Quarter 4: Using Properties of Tangents, Finding Arc Measures, Applying Properties of Chords, Circumference and Arc Length, Using Geometric Probability, Probability & Final Exam

Responsibility

Students will be given a great deal of responsibility. Each student will be given the opportunity to earn high school credit for this course. For this reason, they will be treated like high school students when they cross the threshold into our classroom. What exactly does this mean?

- **Late work will not be accepted** unless there is a legitimate **documented** excuse— i.e., a doctor's appointment, school bus arrived late, court date etc.
- **If a student is absent, it is his/her own responsibility to request any and all makeup work.** I will not come searching for you. You need to find me, and figure out what you're missing.
- You are expected to show your work to earn full credit on all assignments. ****This can work in your favor—** I generally give partial credit on tests and quizzes for *correct* work even if the final answer is incorrect.

Classroom Materials

Students will be expected to bring these supplies to class every day.

- 1 1/2" **blue** binder
- 5 Dividers
- Graph & Lined Paper
- Pencils
- Ruler
- Protractor
- Compass
- TI-30Xa Scientific Calculator

Geometry Textbook

Students have been provided a hard copy of their textbook for in class use. For **recommended** home use, students must access the online version of their textbook. Students will be given their own personal login information for online access.

Grading Information

Students' final grades will be made up of the following:

- 20%- Classwork/Participation and Homework
- 20%- Projects
- 25%- Quizzes
- 35%- Tests/Exams

****Midterm & Final will be weighted twice as much as a regular tests.**

Letter Grades

Students' final grades will fall into one of the following categories:

- A - 90-100%
- B - 80-89%
- C - 70-79%
- D - 60-69%
- F - 0-59%

Contact Information

Email: johnson.sarah.a@franklin-academy.org

Weebly: <http://fa-sarahjohnson.weebly.com>

Parent/Student Contract:
Due 08/24/17

Parent: Please sign to indicate that you have read and understand the class policies and procedures.

Print Name: _____

Sign/Date: _____

Email: _____

Contact Number: () _____ - _____

Student: I, _____ understand the class policies and procedures. I also understand that when I cross the threshold into Ms. Johnson's room, I am entering a high school class; therefore I will be treated as such.

Print Name: _____

Sign/Date: _____

Please keep the first page of your syllabus in your class binder for reference purposes.