

Course Syllabus
Geometry Concepts

Special Education

Teacher: Jon Boyken

Contact Information: 651-744-7656

Google Voice/Text 651-447-7646

Email: jon.boyken@spps.org

Course Description:

This course is designed to help students who have an IEP and need support to develop or reinforce skills in the area of math and progress toward IEP goals. It reviews algebra skills and extends through geometry. Geometry concepts covered in this class will both real-life applications and theoretical knowledge. There will be a focus of understanding, applying, justifying, and developing geometric properties in two and three dimensions. Students will study of geometric reasoning, coordinate geometry, parallel and perpendicular lines, triangle congruence, properties of polygons and circles, similarity, right triangle trigonometry, area, and volume. Students will apply this learning to solve real-world mathematical problems.

Necessary Materials: Pencils, folder, notebook, iPad, Calculator

Texts: Individual Education Plans, general education curriculum, and a variety of electronic resources will be used.

Methodology: Teachers work together to develop a variety of methodologies, focusing on approaches to learning, especially critical thinking and reflection. Individual and collaborative active learning strategies are at the heart of classroom instruction. Real world connections and opportunities to investigate and solve problems will help students become world citizens.

Homework: Students will have assigned to them every class period. This work will likely be completed at school and at home. Assignments will be given out with paper and on Schoology (when possible). Students are expected to complete homework when it is assigned. Math Review will be a daily component of the class. It will incorporate skills learned from previous math classes. Late work is accepted in accordance with IEP accommodations.

Assessment: Student learning will be assessed throughout units using both formative and summative assessments. Formative assessments will include items such as daily class activities and weekly tracking of missing assignments by the students. Summative assessments may include tests, projects, and progress on IEP goals and objectives.

Grading: Please refer to the Highland Park Grading and Assessment policy at the Highland Park Senior High website. Assessments (Summative work) composes 80% of the grade and daily (formative work) assignments compose 20% of the grade.

Academic Honesty: Please read Highland Park's Academic Honesty policy at the Highland Park Senior High website.

Course Expectations:

Students are expected to:

Participate fully in class (do Math Review, take notes participate in discussions, complete homework to best of ability when assigned).

- Ask questions when needed
- Come to class prepared (have all materials needed for class)
- Follow classroom rules and rituals.
- Be on time and ready to learn
- Put forth your **best effort** with a **positive attitude**.
- Please do not bring food or drinks (water permitted) into the classroom.
- School policies will be followed regarding electronic equipment, headwear, attire, inappropriate language, absences, and tardiness.
- Follow the cell phone policy**

Tests and Quizzes

There will be short quizzes administered on Friday's in a variety of ways. They may take the form of multiple choice, story problems, equations, or written responses Math Review will have quizzes every 2 weeks.

Absences

In case of absence students are responsible to get any materials, they may have missed. Quizzes and Tests must be completed upon return.

Schoology:

All assignments will be posted on Schoology. Students will be given the option of completing class work with paper or electronically. Calculators can be used at all times, unless there are specific directions stating no allowed.

YOU ARE RESPONSIBLE FOR YOUR LEARNING AND YOUR GRADE.

I HAVE READ THE COURSE INFORMATION AND EXPECTATIONS

STUDENT NAME _____ HOUR _____

PHONE: _____