

# Dallas High School

## Home of the Dragons



### Geometry 2022-2023

**Instructor(s):** Anna Tally and Brittney Hill

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**Office Hours:** A.L.I.E. time

#### **Course Description:**

This course is designed to investigate Geometry in a way that applies arithmetic, algebra and reasoning to learn about the objects that you see all around you. Topics in this semester long course include reasoning with shapes, angle relationships, triangle congruence, dilation and similarity, trigonometry, circles, volume, and modeling real world situations.

This course utilizes Canvas, Carnegie Learning Geometry text, and MATHia. Canvas will be used as our primary Learning Management System (LMS). The Carnegie Learning Geometry text is a consumable text (i.e., students will write directly in the textbook and will not return it at the end of the course) and will be used for both synchronous and asynchronous class times. MATHia is Carnegie Learning's adaptive online math instruction and practice space.

#### **Requirements for This Course:**

##### **Materials**

Each student will need the following materials to be successful in this course.

- Math Notebook – ONLY used for math
- Two pocket folder

- Graph Paper
- Calculator
- Computer

**Standards to Be Assessed:**

<b><u>Concept</u></b>	<b><u>Topic</u></b>	<b><u>Standards</u></b>
Concept 1	Distance	<b><u>HS.GM.D.14, HS.GM.D.12, HS.GM.C</u></b>
Concept 2	Angle Relationships & Equations of Parallel & Perpendicular Lines	<b><u>HS.GM.B.6 &amp; HS.GM.D.14</u></b>
Concept 3	Parallel Lines Cut by a Transversal	<b><u>HS.GM.B.6</u></b>
Concept 4	Triangle Congruence	<b><u>HS.GM.B.5</u></b>
Concept 5	Dilation and Similarity	<b><u>HS.GM.A.2 &amp; HS.GM.B.5</u></b>
Concept 6	Trigonometry	<b><u>HS.GM.D HS.GM.D.12</u></b>
Concept 7	Circles	<b><u>HS.GM.B.7, HS.GM.C.8, HS.GM.C.10</u></b>
Concept 8	Polygons	<b><u>HS.GM.B.7, HS.GM.C.8, HS.GM.C.10</u></b>
Concept 9	Volume & Surface Area	<b><u>HS.GM.C.8, HS.GM.C.9, HS.GM.C.10, HS.GM.C.11</u></b>

**Grading and Assessment:**

The following grading scales will be used to calculate a student's course grades and grade point average:

<b>Course Grades will be calculated using the following scale:</b>	<b>Grade Point Averages (GPAs) will be calculated using the following scale:</b>	<b>GPAs for Advanced Placement courses will be</b>
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		calculated using the following scale:
<b>A 90-100%</b>	<b>A (4.0)</b>	<b>A (5.0)</b>
<b>B 80-89%</b>	<b>B (3.0)</b>	<b>B (4.0)</b>
<b>C 70-79%</b>	<b>C (2.0)</b>	<b>C (3.0)</b>
<b>D 60-69%</b>	<b>D (1.0)</b>	<b>D (2.0)</b>
<b>F 0-59%</b>	<b>F (0)</b>	<b>F (0)</b>

**Student's final grade for this course will be broken down into three categories:**

- 1) Assessment (70%): based on assessments, projects and performances that measure learning.**
- 2) Personal Management (20%): based on homework completion, participation and class activities.**
- 3) Mathia Assignments (10%)**

**Assessment Grade: 70% of overall grade**

The Assessments Grade is composed of points developed from concept quizzes and projects. The concept quizzes will be standards based. After the quiz is scored, an analysis sheet will be completed. There will be an opportunity to retake the quiz during class time. A second retake will be possible after another analysis sheet is completed and after receiving extra help from the teacher.

**Personal Management (PM): 15% of overall grade**

- Personal Management is composed of points developed from attendance, assignment records, participation, and class activities.

- Points will be given towards the PM grade at the end of each semester for daily attendance and punctuality.
- Students will keep track of daily homework assignments on an assignment record and will be turned in and graded for completeness. Each assignment is worth 4 points if complete and on time or 2 points if submitted late.
- Students will complete daily warm ups (yellow) while recording work and/or answers and submit this once the sheet has all ten entries complete. Students are responsible for making up work they miss due to absences or tardies by using Canvas.

### **Mathia: 10% of overall grade**

- Each week students will be given an assignment in Mathia where concepts from our lessons are practiced. Each week's assignment is worth 10 points if complete and on time or 8 points if submitted late. Each week's assignment will include a reflection. There will be a rubric to determine points awarded.
- These skills will help with the current topics we are working on in class.
- There will be a new Mathia assignment each week.
- Each assignment will be scored out of 10 points. Two points for a reflection and eight points for completing the assignment on time. Two points will be deducted for late assignments.

### **Canvas:**

Assignments and materials will be posted on Canvas. Canvas contains the most accurate grade. Grades will be updated weekly and overall grades will be posted to PowerSchool.

### **Academic Integrity**

The faculty and administration of Dallas High School believe that honesty and integrity are personal attributes worth nurturing in our students. Because we value the educational and skill development opportunities provided by classroom assignments, research projects, tests, and credit recovery, we expect students to express academic integrity by doing their own work and properly documenting information gathered from other sources. Congruous with this belief is our resolve to handle those who violate the principles of academic integrity with stringent consequences as outlined in the [K-12 Code of Conduct](#).

### **Student Behavior and Expectations:**

Students are expected to demonstrate appropriate behavior in the classroom and contribute to a safe, positive, caring learning environment by cooperating; doing their best to achieve academic excellence; respecting themselves, others, and the environment; and conducting themselves in a safe manner at all times. Clearly defined behavioral expectations are consistent school-wide through the Dragon **PRIDE** acronym. We strive to teach our students to take **PRIDE** in themselves and the school by demonstrating:

**Purpose, Respect, Integrity, Determination, and Empathy** at all times. For more information, please see the [Student/Parent Handbook](#).

### **Student Electronic Devices at Dallas High School:**

Students are allowed to possess personal electronic devices at school and at school-sponsored activities provided such devices are not used in any manner that may disrupt the learning environment, school-sponsored activities or violate Board policies, administrative regulations, school or classroom rules, or state and federal laws. Cell phone usage is **only** permitted during scheduled passing periods and lunch times. Students are not allowed to be on their phones in the hallways and other common areas during class time and cell phone usage in the bathrooms and locker rooms is prohibited **at all times**. Students must use a Chromebook or laptop to complete and submit coursework. Cell phones cannot be used for this purpose and can only be used during class time with express advance permission from the teacher.

### **Diversity**

Dallas School District #2 recognizes the diversity and worth of all individuals and groups and their roles in society. It is the policy for the Dallas School District #2 Board of Education that there will be no discrimination or harassment of individuals or groups on the grounds of age, color, creed, disability, marital status, national origin, race, religion, sex or sexual orientation in any educational programs, activities or employment.

### **Gender**

Dallas High School will be proactive in creating a school culture that respects and values all students and fosters understanding of gender identity within the school community. Such guidelines are intended to ensure a safe learning environment free of discrimination and harassment, and to promote the educational and social integration of transgender students. They do not anticipate every situation that may occur and the needs of each student will be assessed on a case-by-case basis.

**Parents:** Please keep the rest of the syllabus. By signing this form, you acknowledge that you have read and fully understood the expectations, rules, and standards associated with this course. If you have questions, please call 503-623-8336 or email using the email address provided in this document. This page is due back by Friday, September 17th to your student's teacher.

Parent Name:

Parent Signature:

Parent email Address:

Parent Phone:

Student Name:

Student Signature: