

# FOUNDATIONS of GEOMETRY

Mrs. Durnion

This course will focus on developing students' understanding of foundational Geometry concepts. Students will use critical thinking and reasoning skills to solve real-life and mathematical problems. They will expand on their prior experiences from middle school to formalize geometric ideas, specifically transformations, which will help them understand and justify geometric relationships. The course will cover topics such as congruence, similarity of triangles, transformations, and properties of triangles. It can be offered as a full-year or semester-long course (double periods), but it does not lead to a Geometry Regents exam.

EXPECTATIONS	SCORING POLICY						
<ol style="list-style-type: none"><li>1.) Be on Time.</li><li>2.) Come Prepared. (Note Packet, Binder, Chromebook)</li><li>3.) Be Respectful of the Learning Environment – NO PHONES</li><li>4.) Ask Questions – Seek Help (Google Classroom)</li><li>5.) Challenge Yourself Everyday (Be Consistent)</li></ol>	<p data-bbox="935 506 1393 537" style="text-align: center;"><b>(2 Marking Periods: 10 weeks each)</b></p> <table border="0" data-bbox="854 583 1451 688"><tr><td>Warm-Ups</td><td style="text-align: right;">20%</td></tr><tr><td>Classwork</td><td style="text-align: right;">40%</td></tr><tr><td>Tests/Quizzes</td><td style="text-align: right;">40%</td></tr></table>	Warm-Ups	20%	Classwork	40%	Tests/Quizzes	40%
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## DESCRIPTIONS

**CLASSWORK (40%):** Classwork includes all work completed during class time. Assignments are posted on Delta Math as well in Google classroom.

**TESTS/QUIZZES (40%):** In order to check for understand of concepts presented in the Geometry Local class, students will complete both quizzes (approx. 20-30 minutes) and unit tests (approx. 60 minutes). Both quizzes and unit tests will be reflective of regents exam questions given on past examinations. All quizzes & unit test will be scored using corresponding rubric scoring guides. Like future exams, students are only allowed to take quizzes and unit tests once. There will be no test or quiz make-ups or retakes. It is the responsibility for students to be prepared for all tests and quizzes. Students will be assigned take home tests during the semester and will have a week to complete the unit test. .

**WARM-UPS (20%):** At the end of each class, every student is responsible for completing the closing question. Please write your response on the blue index card provided. You will receive a score each day and you will be given a weekly tally of total points earned. If you are absent, you are still responsible for the lesson closing; the closing is included in your note packet.

**NOTES/VOCAB:** Students will take notes, as well as be introduced to new vocabulary and concepts on a daily basis. It is the student's responsibility to keep their note packets/binders organized. There are 8 units in the Geometry Local class. Note packets can be used during Unit Tests. All notes will be posted daily on Google Classroom.

**ABSENT FROM CLASS:** Check Google Classroom!!!!

**SUPPLIES:** I highly suggested that you purchase a ruler and compass. We will be using these during MP #4 (Unit 6: Constructions). These supplies will be provided during class time however, students cannot take them home.

**CALCULATORS:** I have a class set of graphing calculators in my room. However, students have access to the TI-84 graphing calculator on their Chromebook. (App in Roc Connect landing page.)

**GRADE REPORTS:** Every two weeks (Friday), each of my students will receive a grade report stating the work that has been completed and graded. You can also check Power school daily for grades and attendance.

## SEMESTER

### Marking Period 1

Unit 1: Angle Relationships  
Unit 2: Triangle Congruence & Properties of Parallelograms  
Unit 3: Rigid Transformations

### Marking Period 2

Unit 4: Coordinate Geometry  
Unit 5: Dilations and Similarity  
Unit 6: Circles

Being that this is a semester course, you should expect a new lesson/activity every day. It is imperative that you begin each class by completing the warm-up, take organized, neat and complete notes and keep up with the daily classwork assignments. If you work consistently, you will be successful.

### DAILY SCHEDULE

Our daily routine will be the same. Class time will be used as follows:

Warm-Up	10 – 15 minutes	No Passes First 10 minutes
Notes/Lesson	20 -30 minutes	No Passes during the Lesson
Work-Time	20 – 30 minutes	Classwork: Delta Math.com
Closing	5-10 minutes	

If you have any questions or concerns please contact me using the following email, send a private comment on google classroom or call the following number. I will respond as soon as possible.

Sincerely,

Ellery Durnion  
Mathematics Teacher  
Rochester Early College International HS  
[ellery.durnion@rcsdk12.org](mailto:ellery.durnion@rcsdk12.org)  
324-9010 ext. 3100