

# Honors Geometry Agenda

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|                                   |   |       |                                                                                                                          |                                                                                                                                                                                                                                                   |
|-----------------------------------|---|-------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | M | 12/8  | Chapter 5 Team Test                                                                                                      | <a href="#">Delta Math</a> : Ch 5 Test skills (complete what you need to be successful on the test!) due day of test<br><br><a href="#">EdPuzzles</a><br>1. Triangle Congruence Theorems Explained<br>2. Determining Congruent Triangles Examples |
| CVCC Last Names L-Z<br>12-1:30pm  | T | 12/9  | Congruent Triangles--Day 1<br><a href="#">notes</a><br><br><a href="#">Kahoot</a> --starts class<br><br>3 Proof Examples | <a href="#">ONE Proof - handwritten</a><br><br>Delta Math: Ch 5 Test Skills                                                                                                                                                                       |
| 55 minute Real World<br>Wednesday | W | 12/10 | Congruent Triangles--Day 2<br><br>6.1.3 Lesson Handout<br><br>More proof examples<br><br>Proof formative                 | Triangle congruence proofs will not be on the Chapter 5 test.<br><br>STUDY! (Delta math and looking over all toolkits and "amazing homework assignments" mentioned in classes is recommended!)                                                    |
|                                   | R | 12/11 | Ch 5 Test                                                                                                                |                                                                                                                                                                                                                                                   |
|                                   | F | 12/12 | 6.1.5 Converses                                                                                                          |                                                                                                                                                                                                                                                   |

Ch 5 Test is next week! (aiming for Thursday)

|                                                                  |   |      |                                                                                                                |                                                 |
|------------------------------------------------------------------|---|------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
|                                                                  | M | 12/1 | 5.3.2 Law of Sines +                                                                                           | 5-89 to 5-95 (skip 5-93)                        |
|                                                                  | T | 12/2 | Snow day                                                                                                       |                                                 |
| 55 Minute colony schedule                                        | W | 12/3 | 5.3.3 Law of Cosines + Notes handout                                                                           | 5-100 to 5-104 (skip 5-105)<br>**checkpoint 104 |
| NHS Induction<br><br>CVCC Field Trip Last names A-K<br>12-1:30pm | R | 12/4 | Chapter 5 Closure Day<br><br>Classwork: 5-133 to 5-138<br>**5-136 is a Checkpoint Problem (AMAZING ASSIGNMENT) | CL 5-139 to 5-150 (skip 5-141 and 5-145)        |
|                                                                  | F | 12/5 | 5.3.5 Choosing a trig tool                                                                                     | 5-126 to 5-132 (skip 5-131)                     |

\*If you are on the band trip, it is expected that you have the pink assignments turned in no later than Wednesday, December 3rd.

You will make up the quiz on Thursday, December 4th in class.

\*If you are gone for Robotics or other reasons on Friday, it is expected that you turn in the classwork and homework assignments on Monday, December 1st.

\*\*The content during the week we return is pretty hefty, so I'd do as much as you can before you return.

\*\*\*Chapter 5 Test is 7–10 school days after thanksgiving break

| Wednesday, December 17th         | Thursday, December 18th          | Friday, December 19th            |
|----------------------------------|----------------------------------|----------------------------------|
| 4th Period Exam<br>7:45-9:15 a.m | 8th Period Exam<br>7:45-9:15 a.m | 2nd Period Exam<br>7:45-9:15 a.m |

|   |       |                                                                                          |                                     |                                   |
|---|-------|------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------|
| M | 11/17 | 5.1.4 Trigonometric Applications                                                         | 5-41 to 5-46 (skip 5-45)            |                                   |
| T | 11/18 | 5.2.1 Special Right Triangles( <a href="#">Investigation</a> )                           | 5-52 to 5-58 (skip 5-55)            |                                   |
| W | 11/19 | 5.3.1 Finding Missing Parts of Triangles<br><del>5-72 &amp; 5-77</del> to 5-82--in class | Delta Math: Special Right Triangles | <del>Focus on 5-72e &amp; f</del> |
| R | 11/20 | <a href="#">Transformation Turkey</a>                                                    |                                     |                                   |
| F | 11/21 | Right Triangle Trig Quiz (Formative)<br>5.2.2 Pythagorean Triples (5-59 to 5-61 & 5-63)  | 5-64 to 5-70 (skip 5-69)            |                                   |

|       |           | Learning Goal               | Classwork                                                                 | Practice                                                                                                                                                     |
|-------|-----------|-----------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11/10 | Monday    | Right Triangle Trigonometry | 4.1.5 Applying the Tangent Ratio<br>4.1.5 handout                         | 4-47 to 4-52 (48b algebraic proof format)                                                                                                                    |
| 11/11 | Tuesday   | Right Triangle Trigonometry | 5.1.1 SOH CAH TOA <a href="#">notes</a><br><a href="#">SOHCAHTOA song</a> | <a href="#">Right Triangle Practice WS</a> (odds are mandatory)<br>& <a href="#">Delta Math</a> : 5.1.1 - SOHCAHTOA & Mixed Algebra Review <b>due Monday</b> |
| 11/12 | Wednesday | Right Triangle Trigonometry | 5.1.2 Selecting a Trig Tool                                               | 5-17 to 5-23 (skip 5-20) - due tomorrow<br>& Tuesday's <a href="#">Delta Math</a> : - due Monday                                                             |
| 11/13 | Thursday  | Right Triangle Trigonometry | Summative Quiz<br>5.1.3 Inverse Trigonometry <a href="#">notes</a>        | Trig Word Problems 1-5 due tomorrow<br>& Tuesday's <a href="#">Delta Math</a> : - due Monday                                                                 |
| 11/14 | Friday    | Right Triangle              | Chapter 4 Mixed Practice version 1.0 In Google Classroom Classwork Tab    | 5-29 to 5-35 (skip 5-32)                                                                                                                                     |

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|  |  | Trigonometry |  | & Tuesday's <a href="#">Delta Math</a> : - due Monday |
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|      |           | Learning Goal                                   | Classwork                                                                                                                                                              | Practice                                                                                  |
|------|-----------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 11/3 | Monday    | Similarity to Trig Transition                   | <a href="#">Check Similarity WS answers</a><br>4.1.1-4.1.2 Short Notes Handout (blank) ( <a href="#">key</a> )                                                         | STUDY                                                                                     |
| 11/4 | Tuesday   | Trigonometry                                    | Chapter 3 Test                                                                                                                                                         | No HW                                                                                     |
| 11/5 | Wednesday | Mixed Practice                                  | <b>4-6 to 4-11</b><br>AND<br><b>4-17 to 4-22</b> (skip 4-17; give exact and approximate answers for 4-20)                                                              | Finish second problem set, if needed.<br><b>Re-read the 4.1.1-4.1.2 notes from Monday</b> |
| 11/6 | Thursday  | Arithmetic/Geometric Sequences & Mixed Practice | *Vision/Hearing Screening during class. Info below subject to change – <b>go with what's discussed in class!</b><br>4-27 to 4-32 (skip 4-28, 4-32)<br>4-40, 4-41, 4-42 | Finish the classwork                                                                      |

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| 11/7 | Friday | Trigonometry | 4.1.3 & 4.1.4 Notes Handout ( <a href="#">blank</a> )<br>The Tangent Ratio<br>( <a href="#">smart board notes from 2022</a> ) | 4-28, 4-39, 4-43, 4-44 |
|------|--------|--------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|

|       |           | Learning Goal | Classwork                                                               | Practice                                                                                                    |
|-------|-----------|---------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 10/27 | Monday    | Similarity    | More Proofs! (3-90) & kahoot                                            | <a href="#">Delta Math</a> : 3.1.1-3.1.4                                                                    |
| 10/28 | Tuesday   | Similarity    | 3.2.6 Applying Similarity 3-105 & 3-106                                 | 3-108 to 3-113<br>Note: 3-111 is a checkpoint on linear equations;<br>it's a guarantee it'll be on the test |
| 10/29 | Wednesday | Similarity    | 3-107, Prove Pythagorean Theorem From<br>chapter 2, + Chapter 3 Closure | Ch 3 Closure Problems                                                                                       |
| 10/30 | Thursday  | Similarity    | Chapter 3 Team Test                                                     | 3-54, 3-56, 3-58, 3-91, 3-93                                                                                |
| 10/31 | Friday    | Similarity    | Similarity WS day                                                       | Similarity WS<br><b>TEST MONDAY-TUESDAY!</b>                                                                |

|       |           | Learning Goal               | Classwork                                                                  | Practice                                                                                       |
|-------|-----------|-----------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 10/20 | Monday    | —                           | Teacher work day                                                           | —                                                                                              |
| 10/21 | Tuesday   | Similarity                  | 3.2.1-3.2.4 Triangle Similarity & Flowcharts<br><a href="#">Handout</a>    | 3-76 to 3-81                                                                                   |
| 10/22 | Wednesday | Similarity                  | Similarity Practice & Proofs Slides (in Google Classroom)                  | You can start (3.2.5 HW) 3-99 to 3-104 if you want                                             |
| 10/23 | Thursday  | Similarity proofs with TAST | 3.2.5 - Proofs + TAST ( <a href="#">notes</a> )<br><a href="#">Handout</a> | (3.2.5 HW) 3-99 to 3-104                                                                       |
| 10/24 | Friday    | Similarity                  | 3.2.5 - Proofs + TAST day 2                                                | <a href="#">Similarity Proof</a><br>Heads up: Ch 3 Test next Friday (or the Monday after that) |

|       |           | Learning Goal                | Classwork                                                                                                                                  | Practice                                                                                                                                                                                                                                                          |
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| 10/13 | Monday    | Describing Dilations         | 3.1.1 & 3.1.2 Similarity Handout<br>Desmos: Sketchy Dilations (slides 1-4 only!)<br><a href="#">2-3a link</a><br><a href="#">7-8a link</a> | 1.) Is an echo a verbal dilation? Justify (paragraph style).<br>2.) Can taste have a dilation? Justify (paragraph style). Give an example, if possible.<br><br>3-5 (exact answers only!),<br>3-9 (error analysis),<br>3-10 (re-writing to conditional statements) |
| 10/14 | Tuesday   | Similarity & Proportions     | Progress Monitoring & Go over chapter 2 test<br>3.1.1 & 3.1.2 Similarity day 2 (3-11 & 3-16)                                               | 3-18 to 3-23                                                                                                                                                                                                                                                      |
| 10/15 | Wednesday | Similarity & Proportions     | 3.1.3/3.1.4 Similar figures & Proportions Handout                                                                                          | 3-41, 3-43, 3-44, 3-45, 3-46, 3-53, 3-57                                                                                                                                                                                                                          |
| 10/16 | Thursday  | Similarity: Flowchart Proofs | 3.2.1-3.2.4 Triangle Similarity & Flowcharts                                                                                               | 3.2.1 to 3.2.4 (Day 1) Worksheet ( <a href="#">blank</a> )<br><br>!!! Somehow the worksheet printed without imperative information!!<br><br>Please use the PDF for the information needed for the challenge!                                                      |
| 10/17 | Friday    | Mixed Practice               | 3-29 to 3-34 & 3-65 to 3-70                                                                                                                | Finish the classwork                                                                                                                                                                                                                                              |

|       |           | Learning Goal         | Classwork                                                              | Practice                                             |
|-------|-----------|-----------------------|------------------------------------------------------------------------|------------------------------------------------------|
| 10/7  | Monday    | Ch 2 Review           | Ch 2 Practice Packet<br>Chapter 2 Closure problems                     | <a href="#">Chapter 2 Practice Packet Answer Key</a> |
| 10/8  | Tuesday   | Ch 2 Review           | Go over Team Test, Go over Ch 2 Practice Packet, finish Verbal Quizzes | TEST TOMORROW!                                       |
| 10/9  | Wednesday | Ch 2 Test             | Ch 2 Test                                                              | No HW                                                |
| 10/10 | Thursday  | PSAT day              | —                                                                      | —                                                    |
| 10/11 | Friday    | NEOEa day (no school) | —                                                                      | —                                                    |

|      |           | Topic                             | Classwork                                                                                                                                           | Practice                                                                                                        |
|------|-----------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 9/29 | Monday    | Angle Relationships and Triangles | Triangle Inequality & Pythagorean Theorem<br><a href="#">Desmos Triangle Inequality</a>                                                             | <a href="#">Triangle Inequality &amp; Pythagorean Theorem day HW</a>                                            |
| 9/30 | Tuesday   | Angle Relationships               | Triangle Inequality & Pythagorean Thm Day 2                                                                                                         | Study your toolkits (all completed ones) and the Blookets & Knowt links in <a href="#">Geometry Resources</a> . |
| 10/1 | Wednesday | Angle Relationships               | VERBAL PROOF QUIZZES TODAY through FRIDAY<br><br>Go over HW<br>Ch 2 "I have, who has..."<br><a href="#">Angle Picture Puzzle and Proof analysis</a> | <a href="#">Angle Picture Puzzle and Proof analysis</a>                                                         |
| 10/2 | Thursday  | Angle Relationships               | QUIZ: Notations & Angles<br>Chapter 2 Review/Practice WS ( <a href="#">blank</a> )<br>Verbal quizzes                                                | Finish the Ch 2 Review/Practice WS<br>Check answers!                                                            |
| 10/3 | Friday    | Angle Relationships               | Ch 2 Team Test<br>Verbal Quizzes                                                                                                                    | Study – Test is WEDNESDAY!                                                                                      |

|      |           | Topic               | Classwork                                               | Practice                                                                                        |
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| 9/22 | Monday    | Angle Relationships | Finish Angle Toolkit day 1 (no parallel lines notes)    | Angle Pairs WS #1-8                                                                             |
| 9/23 | Tuesday   | Angle Relationships | Triangle Angle Sum Thm (2.1.4 up to 2-39)               | Triangle Angle Sum Theorem & Practice WS ( <a href="#">blank PDF</a> )                          |
| 9/24 | Wednesday | Angle Relationships | Angle Pair Toolkit Day 3<br>Team Proofs                 | Angle Pairs WS #9-11 (due tomorrow) & <a href="#">Angle Pairs Toolkit Day 3 WS</a> (due Friday) |
| 9/25 | Thursday  | Angle Relationships | Angle Pair Toolkit Day 4<br>Team Proofs                 | <a href="#">Angle Pairs Toolkit Day 3 WS</a> (due Friday)                                       |
| 9/26 | Friday    | Angle Relationships | Individual Angle Proof Formative<br>Area Toolkit Lesson | <a href="#">Area &amp; Perimeter Practice</a><br>& <a href="#">Area Toolkit HW</a>              |

|  |  | Topic | Classwork | Practice |
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| 9/15 | Monday    | Ch 1 Review         | Chapter 1 Review - via Google Slides in Google Classroom     | <p>STUDY</p> <p><a href="#">Review: 2-3a</a></p> <p><a href="#">Review 7-8a</a></p> <p>(toolkits, in class review today, chapter 1 review packet from 2 weeks ago)</p> |
| 9/16 | Tuesday   | Ch 1 Test           | Chapter 1 Test (cumulative)                                  | No HW                                                                                                                                                                  |
| 9/17 | Wednesday | Angle Relationships | Angle Pairs (Linear, Vertical, Complementary, Supplementary) | 1-85 to 1-89                                                                                                                                                           |
| 9/18 | Thursday  | Angle Relationships | Angle Toolkit day 1 (no parallel lines)                      | 2-8 to 2-12                                                                                                                                                            |
| 9/19 | Friday    | Angle Relationships | Angle Toolkit day 2 (// lines) + Algebraic Proofs            | <p><del>Angle Pairs WS - Front Only</del></p> <p>No HW</p>                                                                                                             |

|     |        | Topic                           | Classwork                                       | Practice          |
|-----|--------|---------------------------------|-------------------------------------------------|-------------------|
| 9/8 | Monday | Attributes & Characteristics of | 1.3.2 Shapes Toolkit - Definitions & Properties | 1-35, 1-65, 1-127 |

|      |           |                                        |                                                                                                               |                                                                                                                              |
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|      |           | shapes                                 | 1-117 in Google Classroom Assignment<br><a href="#">Completed Shapes Toolkit</a>                              | Study Vocab! (Toolkits)                                                                                                      |
| 9/9  | Tuesday   | Attributes & Characteristics of shapes | 1.3.1 Attributes and Characteristics of Shapes<br>& Shape Bucket (Emphasize Reflection & rotational symmetry) | 1-112 to 1-116                                                                                                               |
| 9/10 | Wednesday | Algebraic Proofs                       | Algebraic Proofs notes                                                                                        | <a href="#">Algebraic Proofs WS</a>                                                                                          |
| 9/11 | Thursday  | Mixed Practice                         | Shapes and algebraic Proofs "notes," Class Proof Scramble<br>& Practice day                                   | <a href="#">Shapes &amp; Algebraic Proofs Practice WS</a><br>Answer <a href="#">Key</a> (the back is like the quiz tomorrow) |
| 9/12 | Friday    | Quiz                                   | Quiz: Venn Diagram question + 1 algebraic proof<br>Ch 1 Closure Day                                           | Ch 1 Closure<br>CL1-128 to 1-137                                                                                             |

|     |         | Topic                                                    | Classwork             | Practice                                                                                                                                     |
|-----|---------|----------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 9/1 | Monday  | —                                                        | Labor Day             | —                                                                                                                                            |
| 9/2 | Tuesday | Intro Vocab,<br>Algebra Review,<br>Rigid Transformations | Ch 1 part 1 Team test | CHECK ALGEBRA WS #1 & 2 <a href="#">here</a> !<br><br>Note: the 2nd to last question is a different problem on my key. Your answer should be |

|     |           |                                                             |                                              |                                                  |
|-----|-----------|-------------------------------------------------------------|----------------------------------------------|--------------------------------------------------|
|     |           |                                                             |                                              | $x = 1, -2.$                                     |
| 9/3 | Wednesday | Intro Vocab,<br>Algebra Review,<br>Rigid<br>Transformations | Ch 1 Part 1 Review ( <a href="#">blank</a> ) | Study!<br><a href="#">Ch 1 Part 1 Review KEY</a> |
| 9/4 | Thursday  | Intro Vocab,<br>Algebra Review,<br>Rigid<br>Transformations | <b>Ch 1 Part 1 TEST</b>                      | 1-42 to 1-46 (due Monday)                        |
| 9/5 | Friday    | Attributes of<br>Shapes                                     | 1.1.5 Kaleidoscope                           | 1-42 to 1-46 (due Monday)                        |

|      |         | Topic                                | Classwork                                                                                                                                             | Practice                                                                                                                                                                 |
|------|---------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/25 | Monday  | Parallel &<br>Perpendicular<br>Lines | Expo Drawing Practice (Intro Vocab)<br>Parallel & Perpendicular Line Toolkit<br><a href="#">Parallel &amp; Perpendicular Line Classwork Questions</a> | Finish #4 & 5 from Classwork on graph paper<br><br><b>Fix <a href="#">DeltaMath</a>:</b> Writing Equations of Parallel and Perpendicular Lines <b>so that it is 100%</b> |
| 8/26 | Tuesday | Transformations                      | <a href="#">Intro to Transformations Video</a><br><a href="#">Translations &amp; Reflections WS</a>                                                   | <a href="#">Delta Math</a> --Transformations #1                                                                                                                          |

|      |           |                |                                                                                                                         |                                                              |
|------|-----------|----------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| 8/27 | Wednesday | Algebra Review | Radicals/Literal equations <a href="#">notes</a>                                                                        | <a href="#">Delta Math</a> : Algebra Review--Due Friday      |
| 8/28 | Thursday  | Algebra Review | Factoring/Quadratic formula Notes<br><a href="#">Algebra WS #1 &amp; 2</a> MOST needs done by the start of class Friday | Finish Wednesday's Delta Math & Finish the Algebra WS #1 & 2 |
| 8/29 | Friday    | Algebra Review | Rotations Notes & <a href="#">Rotations Worksheet (answers)</a>                                                         | Finish the WS<br><b>Team test on Tuesday!</b>                |

|      |           | Topic            | Classwork                                             | Practice                                       |
|------|-----------|------------------|-------------------------------------------------------|------------------------------------------------|
| 8/18 | Monday    | Teacher Work Day | —                                                     | —                                              |
| 8/19 | Tuesday   | Teacher Work Day | —                                                     | —                                              |
| 8/20 | Wednesday | FIRST DAY!       | Sign up for ebook, complete survey, etc.              | <a href="#">Intro to Delta Math</a> assignment |
| 8/21 | Thursday  | Intro Vocabulary | Intro Geometry Vocab day 1:<br>Group sort and toolkit |                                                |

|      |        |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                   |
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| 8/22 | Friday | Intro Vocabulary | <p>1.) Finish filling in the <a href="#">Intro to Geometry Toolkit</a>. (pages 6 &amp; 7 of the PDF)</p> <p>2.) Complete the Desmos Card Sort using the link for your class period: <a href="#">2b-3</a>    <a href="#">7-8a</a></p> <p>3.) Complete 2 Delta Math assignments</p> <ul style="list-style-type: none"> <li>• Identifying &amp; Naming Basic Figures</li> <li>• Writing Equations of Parallel &amp; Perpendicular lines</li> </ul> | <p><a href="#">DeltaMath</a>: Identifying &amp; Naming Basic Figures</p> <p><a href="#">DeltaMath</a>: Writing Equations of Parallel and Perpendicular Lines</p> <p><b>(Due Monday at the start of class)</b></p> |
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