



**Millington Central  
Middle High School**

## **GEOMETRY PACING GUIDE**

### **Curriculum: GetMoreMath, Teacher-made lessons**

| <b>FIRST QUARTER (9 weeks)</b>           |               |  |
|--|---------------|--|
| <b>Lesson(s)</b>                         | <b>Pacing</b> | <b>Topics</b>  |
| Unit 1: Foundations of Geometry          | 2 Weeks       | <ul style="list-style-type: none"><li>- Vocabulary</li><li>- Midpoint, Distance</li><li>- Perimeter/Area</li><li>- Angle Pairs</li></ul> |
| Unit 2: Parallel and Perpendicular Lines | 2 Weeks       | <ul style="list-style-type: none"><li>- Lines and Angles</li><li>- Transversals</li><li>- Equations of Lines</li></ul>                   |
| Unit 3: Transformations                  | 2 Weeks       | <ul style="list-style-type: none"><li>- Reflections, Rotations, Dilations and Translations</li><li>- Symmetry</li></ul>                  |
| Unit 4: Congruent Triangles              | 2-3 Weeks     | <ul style="list-style-type: none"><li>- Classifying Triangles</li><li>- SSS, SAS, ASA</li></ul>  |

#### **STANDARDS**

**G.CO.A.1 – G.CO.C.10**

**G.CO.D.12**

**G.GPE.B.3**



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| SECOND QUARTER (8 weeks)    |         |   |
|-----------------------------|---------|---|
| Lesson(s)                   | Pacing  | Topics  |
| Unit 5: Triangle Properties | 2 weeks | <ul style="list-style-type: none"><li>- Inequalities</li><li>- Altitudes, Medians, Midsegments</li></ul>                                  |
| Unit 6: Quadrilaterals      | 2 weeks | <ul style="list-style-type: none"><li>- Parallelograms</li><li>- Rectangles, Kites, etc.</li></ul>  |
| Unit 7: Similarity          | 2 weeks | <ul style="list-style-type: none"><li>- Ratios and Proportions</li><li>- Similar Triangles</li><li>- Dilations and Scale Factor</li></ul> |
| Unit 8: Trigonometry        | 2 weeks | <ul style="list-style-type: none"><li>- Sin, cos, tan</li><li>- Law of sines and cosines</li><li>- Pythagorean Theorem</li></ul>          |

### STANDARDS

G.CO.C.11

G.SRT.A.1 – G.SRT.C.8



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## **GEOMETRY PACING GUIDE**

### **Curriculum: DeltaMath/Teacher-Made**

| <b>THIRD QUARTER (10 weeks)</b> |               |  |
|---------------------------------|---------------|--|
| <b>Lesson(s)</b>                | <b>Pacing</b> | <b>Topics</b>  |
| Unit 9: Quadrilaterals          | 2 Weeks       | <ul style="list-style-type: none"><li>- Identify 4-sided shapes</li><li>- Properties of Parallelograms</li><li>- Prove shapes</li></ul>                  |
| Unit 10: Circles                | 2 Weeks       | <ul style="list-style-type: none"><li>- Measure circles and sectors</li><li>- Measure angles and segments</li><li>- Write equations of circles</li></ul> |
| Unit 11: Area and Volume        | 2 Weeks       | <ul style="list-style-type: none"><li>- Measure shapes and objects</li><li>- Identify irregular objects</li><li>- Measure real-world objects</li></ul>   |
| Unit 12: Coordinate Geometry    | 2 Weeks       | <ul style="list-style-type: none"><li>- Measure objects on coordinate plane</li><li>- Prove objects' labels</li></ul>                                    |
| Unit 13: Constructions          | 2 Weeks       | <ul style="list-style-type: none"><li>- Construct objects using tools</li></ul>  |

#### **STANDARDS**

G.CO.C.11

G.C.A.1 – 4

G.GPE.A.1 – 5

G.CO.D.12



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| FOURTH QUARTER (9 weeks) |         |                                     |
|--------------------------|---------|-------------------------------------|
| Lesson(s)                | Pacing  | Topics                              |
| EOC Review               | 4 weeks | - Review everything                 |
| EOC (Date TBD)           | 1 week  |                                     |
| ACT Prep                 | 4 weeks | - Review Geometry topics on the ACT |