**Year at a Glance for Geometry 2022-2023**

**\*Subject to change and/or adjustment at any time\***

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| **1st  Semester**  | **2nd  Semester** |
| *1st Nine Weeks* | *3rd Nine Weeks* |
| **Topic 1:****Tools of Geometry**G.1A, G.2A, G.6A, G.5B, G.4D | **Topic 11:****Circle Measurement**G.10B, G.12B, G.12D, G.9B, G.11B, G.12C, G.12E |
| **Topic 3:****Parallel and Perpendicular Lines**G.6A, G.5A, G.5C, G.6D, G.5B, G.2B, G.2C, G.4D | **Topic 12:****Theorems about Circles**G.6A, G.9B, G.12A, G.5A, G.5C, G.6D |
| **Topic 9:****Similarity**G.7B,G.3A, G.3B, G.3C, G.5C, G.7A, G.7B, G.8A, G.8B, G.5A | **Topic 6**/7**:****Polygons and Quadrilaterals**(Coordinate Plane)G.2B, G.12E, G.5A, G.6E, G.6D |
| **Topic 4:****Congruent Triangles**G.6C, G.5A, G.5C, G.6B, G.6D | **Topic 13:****Area**G.11A, G.11B, G.6D, G.9B, G.10B, G.9A |
| *2nd Nine Weeks* | *4th Nine Weeks* |
| **Topic 5:****Relationships within Triangles**G.6D, G.5C, G.6A, G.5A, G.5D | **Topic 14:****Surface Area and Volume**G.10A, G.10B, G.11C, G.9B, G.11D |
| **Topic 10:****Right Triangles and Trigonometry**G6.D, G9.B, G9.A, G.11A | **Topic 8:****Transformational Geometry**G.3A, G.3C, G.6C, G.3D, G.3B |
| **Topics:** 3,5,10**Slope of Parallel and Perpendicular lines/ Midpoint/ Distance/ Pythagorean Theorem**G.2A, G.2B, G6.D, G9.B, G.2C | **Topic 15:****Probability**G.13C, G.13B, G.13A, G.13E, G.13D |
| **Topic 2:****Reasoning and Proof** G.4C, G.5A, G.4B, G.4A, G.6A   | **\*Algebra Review as needed\*** |

(Texas Essential Knowledge and Skills - 2012)