**Course: Geometry B**

**Teacher: Mrs. Blaszkowski**

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**Room 141**

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| **Chapter** | **Section** |
|  | 2.5 Reasoning in Algebra and Geometry |
|  | 2.6 Proving Angles Congruent |
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|  | Classifying Triangles |
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| Ch. 4 Congruent Triangles | 4.1 Congruent Figures |
|  | 4.2 Triangle Congruence by SSS and SAS |
|  | 4.3 Triangle Congruence by ASA and AAS |
|  | 4.4 Using Corresponding Parts of Congruent Triangles |
|  | 4.5 Isosceles and Equilateral Triangles |
|  | 4.6 Congruence in Right Triangles |
|  | 4.7 Congruence in Overlapping Triangles |
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| Ch. 5 Relationships in Triangles | 5.1 Midsegments of Triangles |
|  | 5.2 Perpendicular and Angle Bisectors |
|  | 5.3 Bisectors in Triangles |
|  | 5.4 Medians and Altitudes |
|  | 5.6 Inequalities in One Triangle |
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| Ch. 7 Similarity | 7.1 Ratios and Proportions |
|  | 7.2 Similar Polygons |
|  | 7.3 Proving Triangles Similar |
|  | 7.5 Proportions in Right Triangles |
|  |  |
| Ch. 8 Right Triangles and Trigonometry | 8.1 Pythagorean Theorem and Converse |
|  | 8.2 Special Right Triangles |
|  | 8.3 Trigonometry |
|  | 8.4 Angles of Depression/Elevation |
|  | 8.5 Law of Sines |
|  |  |
|  | 6.1 The Polygon-Angle Sum Theorems |

**Class Procedure**

1. Books, notebook, binder, and writing utensil should be brought to class every day.

2. There will be weekly quizzes and chapter tests.

**Note**: For my philosophy, student behavior expectations, and student grade calculation, please see the handout entitled “Welcome to Mrs. Blaszkowski’s Math Class”.