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| Teacher: BUTLER | Course: Geometry Honors | Period(s): 2 | Week of: 8-22 to  |
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|  | Standards | Goals | As a result of this lesson the student will be able to: | Instructional Strategies | What the teacher will do to ensure the student meets the goals: | Activities | The student will: | Homework & Assessment | Student achievement will be measured by: |
| **Monday** |  | No school |  |  |  |
| **Tuesday** | G.GCO.1.8-22 | Define terms and use notations | Group of 4 for defining terms, textbook, no accommodations.Discussion, notes | Define terms and notes on section 1.1. Discuss rules of school and ideas in chapter 1 and syllabus | HW5 #1,7,12-21,28,30,32,34-36 |
| **Wednesday** | G.GM.1.28-23 | Use geometric shapes and their measures to describe real world problems | Group of 3 instructions, diagrams, material list of parts. Group work, individual assistanceNo accommodations | Design a catapult based on geometric terms from chapter 1 and functional use.Continue vocabulary Chapter 1 | DO NOW: Students list questions from HW. Review HW to clear up misconceptions. |
| **Thursday** | 8-24G.GM.1.2 | Use geometric shapes and their measures to describe real world problems | Group of 3 instructions, diagrams, material list of parts. Group work, individual assistanceNo accommodations | Design a catapult based on geometric terms and functional use of Chapter 1 | DO NOW: Notes Chapter 1.2HW12: #6-11,14,16-19, 22, 24,28,30 |
| **Friday** | 8-25G.GM.1,2G.GGPE.6 | 1.3 Midpoint and Distance FormulasCreate engineering notebook | Group of 2 handout, rubric, examples, isometric paper.Group work, individual assistanceNo accommodations | Notes 1.3 and discussion of homework. Create an engineering notebook with calculations and drawings | DO NOW: Notes 1.3 Midpoint and Distance FormulasHW19: 4-20even, 26, 36-40 |

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|  | Standards | Goals | As a result of this lesson the student will be able to: | Instructional Strategies | What the teacher will do to ensure the student meets the goals: | Activities | The student will: | Homework & Assessment | Student achievement will be measured by: |
| **Monday** | 8-28G.GM.1.2G.GCO.1 | 1.4 Measure and Classify Angles | Group of 2 handout, rubric, examples, isometric paper.Group work, individual assistanceNo accommodations | Finish catapult project. Notes on 1.4 and discussion on homework. | DO NOW: Review HW and clear up misconceptions1.4: HW28: 4-26even, 40-44even |
| **Tuesday** | 8-29G.GCO.18-30 | 1.5 Describe Angel Pair Relationships | Work on Board, textbook.Individual work, group work, discussion. Group: Groups of 3Materials: text and whiteboard No accommodations | Students will take notes on 1.5 and then work on board to complete work from textA multiple choice, short answer quiz | DO NOW: QUIZ 1.1 – 1.3 (pg47 and pg11 McDougal Resource Book)Achievement will be measured by all students reaching 80% mastery.1.5: CL38 #4-44 |
| **Wednesday** | G.GCO.1G.GGPE.78-31 | 1.6 Classify Polygons | Discussion, notes, practice, group work. Groups of 2 for activity using handout. No accommodations | Students will take notes on 1.6CL44: #2-36 even, 40Pick’s Theorem activity | DO NOW: Notetaking.HW44: #2-36even, 40 |
| **Thursday** | G.GCO.119-1 | Create Constructions of bisectors and Pick’s Theorem activity – convex polygons | Discussion, individual work No grouping. Handout, paper, pencil, protractor, ruler, example. No accommodations. | Activity page 33 and 34. Bisector of segments and angles. Pick’s Theorem activity creating a convex polygon and finding the area | DO NOW: Review of HW to clear up misconceptionsHW: none |
| **Friday** | G.GCO.8 | Vocabulary Chapter 2 | In groups of 3 students will create their vocabulary list for chapter 2Materials: text, paper and penAccommodations: none | Students will create vocabulary list and notes for section 2.1 | DO NOW: Write words for vocabulary |

\* All plans are subject to change. Student progress will be monitored and adjustments will be made.