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| **Honors Geometry – Fall 2018**  **Unit 1: Transformations in the Coordinate Plane\***  \* subject to change | | |
| Date | Standards and Learning Questions | Topic and Assignment |
| Wed  8/1  Day 1 |  | FIRST DAY OF FALL SEMESTER  Syllabus/Standards  Student Info Sheet  Parent Letter  Distribute Review Packet |
| Thurs  8/2  Day 2 | MGSE9-12.G.CO.1  **What am I learning today?**  The basic terms of geometry that are necessary for all lessons throughout this course  **How will I show that I learned it?**  Be able to identify basic geometric figures and correctly name them using proper notation | Lesson 1  Intro to Geometry  WS – Assumptions  Assignment  Review Pre-Requisite Skills |
| Fri  8/3  Day 3 | MGSE9-12.G.CO.2  MGSE9-12.G.CO.3  MGSE9-12.G.CO.4  MGSE9-12.G.CO.5  **What am I learning today?**  How to define and create geometric transformations  **How will I show that I learned it?**  Be able to correctly identify a pre-image and its corresponding image after either a translation, reflection, or rotation. | Lesson 2  Transformations  Assignment  WS – Transformations |
| Mon  8/6  Day 4 | MGSE9-12.G.CO.2  MGSE9-12.G.CO.3  MGSE9-12.G.CO.4  MGSE9-12.G.CO.5  **What am I learning today?**  How to translate geometric figures in the coordinate plane  **How will I show that I learned it?**  For any pre-image, be able to correctly translate, reflect, or rotate it using a given mapping rule | Lesson 3  Translations  Reflections  Rotations  Assignment  WS – Translations, Rotations, Reflections |

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| Tues  8/7  Day 5 | MGSE9-12.G.CO.2  MGSE9-12.G.CO.3  MGSE9-12.G.CO.4  MGSE9-12.G.CO.5  **What am I learning today?**  How to perform a non-isometric transformation, as well as how to perform repeated transformations to one given pre-image  **How will I show that I learned it?**  For any pre-image, be able to correctly translate, reflect, rotate, and dilate it using multiple given mapping rules | Lesson 4  Dilations  Compositions  Assignment  WS – Dilations and Compositions |
| Wed  8/8  Day 6 |  | Review  WS – Transformations Review |
| Thurs  8/9  Day 7 |  | Test  Unit 1: Transformations in the Coordinate Plane |