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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 |
| Wed8/1Day 1 |  | FIRST DAY OF FALL SEMESTERSyllabus/StandardsStudent Info SheetParent LetterDistribute Review Packet |
| Thurs8/2Day 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 1Intro to GeometryWS – AssumptionsAssignmentReview Pre-Requisite Skills |
| Fri8/3Day 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 2TransformationsAssignmentWS – Transformations  |
| Mon8/6Day 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 3TranslationsReflectionsRotationsAssignmentWS – Translations, Rotations, Reflections |

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| Tues8/7Day 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 DilationsCompositionsAssignmentWS – Dilations and Compositions  |
| Wed8/8Day 6 |  | ReviewWS – Transformations Review  |
| Thurs8/9Day 7 |  | TestUnit 1: Transformations in the Coordinate Plane |