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| **Honors Geometry – Fall 2018****Unit 6: Circles\*** \* subject to change |
| Date | Standard | Topic and Assignment |
| Wed10/17Day 50 | MGSE9-12.G.C.1 MGSE9-12.G.C.2 MGSE9-12.G.C.3 MGSE9-12.G.C.4  **What am I learning today?**What are the different parts of circles?**How will I show that I learned it?**Be able to identify the different parts of circles. | Lesson 1Day 1 - Introduction to CirclesAssignmentp. 396 # 11-12, 18-25, 41 |
| Thurs10/18Day 51 | MGSE9-12.G.C.1 MGSE9-12.G.C.2 MGSE9-12.G.C.3 MGSE9-12.G.C.4  **What am I learning today?**What are the properties of tangents?**How will I show that I learned it?**Be able to solve algebraic problems involving tangents of circles. | Lesson 2Properties of TangentsAssignmentp. 396 # 15-17, 26-27, 31-33, 42-43, 45 |
| Fri10/19Day 52 | MGSE9-12.G.C.2 **What am I learning today?**What is the relationship between a central angle and the various arcs formed in a circle?**How will I show that I learned it?**Be able to solve for a missing angle or arc based on given angle or arc.  | Lesson 3Central Angles and Arc MeasuresAssignmentp. 405 # 19-29, 33-34, 37-39 |
| Mon10/22Day 53 | MGSE9-12.G.C.2 **What am I learning today?**What are the properties of chords?**How will I show that I learned it?**Be able to apply the chord theorems to solve problems. | Lesson 4Properties of ChordsAssignmentp. 405 # 30-32, 35, 47, 51WS – Properties of Chords |
| Tues10/23Day 54 | MGSE9-12.G.C.2 **What am I learning today?**What is an inscribed angle and how does it relate to a central angle?**How will I show that I learned it?**Be able to solve algebraic problems involving inscribed angles in relation to a central angle or intercepted arc. | Lesson 5Inscribed AnglesAssignmentp. 420 # 12-22, 26-27, 33-35, 45, 48, 50 |
| Wed10/24Day 55 | MGSE9-12.G.C.2  | QuizLesson 1 – Introduction to CirclesLesson 2 – Properties of TangentsLesson 3 – Central Angles and Arc MeasuresLesson 4 – Properties of Chords |

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| Thurs10/25Day 56 | MGSE9-12.G.C.2 **What am I learning today?**What are the remaining angle relationship in and out of circles?**How will I show that I learned it?**Be able to solve for a missing angle or arc using the appropriate angle relationship | *Magnet Open House*Lesson 6Angle Measures in CirclesAssignmentWS – Lesson 10.5 Practice B  |
| Fri10/26Day 57 |  | Group ProjectReview WS – Circles Activity |
| Mon 10/29Day 58 | MGSE9-12.G.C.2 **What am I learning today?**What are the different relationships formed when chords, secants, and tangents intersect each other?**How will I show that I learned it?**Be able to solve for a missing measure using the appropriate segment relationship. | Lesson 7Segment Lengths in CirclesAssignmentWS – Lesson 10.6 Practice B  |
| Tues10/30Day 59 |  | Quiz Angle Measures in Circles |
| Wed10/31Day 60 | MGSE9-12.G.C.5 MGSE9-12.G.GMD.1**What am I learning today?**How is the length of an arc related to the circumference of a circle?**How will I show that I learned it?**Be able to solve for arc length, radius, circumference, area, and/or central angle based on given measurements.  | Lesson 8Arc LengthAssignmentp. 411 # 19-25, 27, 29 |
| Thurs11/1Day 61 | **What am I learning today?**How is the area of a sector related to the area of a circle?**How will I show that I learned it?**Be able to solve for sector area, radius, circumference, area, and/or central angle based on given measurements.  | Lesson 9SectorsAssignmentp. 411 # 12-18, 26, 35, 39 |
| Fri11/2Day 62 |  | ReviewWS – Circles Review |
| Mon11/5Day 63 |  | TestUnit 6: Circles |