**Mrs. Orow’s Lesson Plans 2019-2020**

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|  | **Geometry**  **1st. 2nd. 3rd. and 6th. hour** | **Geometry ELD**  **4th. hour** |
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| **Lesson plans**  **12/16 – 12/20** |  |  |
| **MONDAY** |  |  |
| **TUESDAY** |  |  |
| **WEDNESDAY** |  |  |
| **THURSDAY** |  |  |
| **FRIDAY** | **½ day 10:24 dismissal** | **½ day 10:24 dismissal** |
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| **Lesson plans**  **12/16 – 12/20** |  |  |
| **MONDAY** | *Go over Assignment Parallel line & proportional parts*  *Notes: parts of similar Triangles* | **Go over HW. problems**  **Individual Quiz proving triangles are similar** |
| **TUESDAY** | *Notes: parts of similar Triangles continue*  *Assignment: Hw 6Parts of similar triangles*  *Start of bridge presentations* |  |
| **WEDNESDAY** | *bridge presentations* |  |
| **THURSDAY** | *bridge presentations* |  |
| **FRIDAY** | *bridge presentations*  **½ day 10:24 dismissal** | **½ day 10:24 dismissal** |
| **Lesson plans**  **12/9 – 12/13** |  |  |
| **MONDAY** | *Learning target: Students will* Use triangle similarity to solve problems.  **Notes: Triangle Similarity continue**  *Assignments: HW # 3 proving triangles are similar* | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  Go over HW#2 Similar figures  **Partner quiz similar figures** |
| **TUESDAY** | *Learning target: Students will* Use triangle similarity to solve problems.  *Assignments: we are Similar (in The note packet partner quiz* | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  **Go over Partner quiz similar figures**  **Individual quiz Ratios and similar figuers** |
| **WEDNESDAY** | **Go over HW. problems**  **Individual Quiz proving triangles are similar** | *Learning target: Students will* Use triangle similarity to solve problems.  **Notes: Triangle Similarity** |
| **THURSDAY** | **Notes Triangle proportionality theorem** | *Learning target: Students will* Use triangle similarity to solve problems.  **Notes: Triangle Similarity continue**  *Assignments: HW # 3 proving triangles are similar* |
| **FRIDAY** | **Notes Triangle proportionality theorem**  *Assignments: Parallel line & proportional parts* | *Learning target: Students will* Use triangle similarity to solve problems.  *Assignments: we are Similar (in The note packet partner quiz* |
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| **Lesson plans**  **12/2 – 12/6** |  |  |
| **MONDAY** | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  Notes: Similar polygon /finding side length using proportions | *Learning target: Students will use ratios and proportions to solve problems*  *Assignments: HW-1 Ratios and proportions* |
| **TUESDAY** | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  Notes: Similar polygon /finding side length using proportions continue  *Assignments:* **Homework 2: similar figures**  *more practice with similar polygon* | *Learning target: Students will use ratios and proportions to solve problems*  **Notes and Hw. Continue** |
| **WEDNESDAY** | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  *Partner Quiz: more practice with similar polygon* | *Learning target: Students will use ratios and proportions to solve problems*  **Notes and Hw. Continue**  **Quiz Proportions** |
| **THURSDAY** | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  *Individual Quiz: ratios and similar figures* | *Learning target: Students will identify similar polygons and write a similarity statement*  *Notes: similar polygons, scale factor,*  *similarity statement* |
| **FRIDAY** | *Learning target: Students will* Use triangle similarity to solve problems.  **Notes: Triangle Similarity** | *Learning target: Students will* Identify similar polygons.  Apply properties of similar polygons to solve problems  Notes: Similar polygon /finding side length using proportions  *Assignments: more practice with similar polygon* |
| **Lesson plans**  **11/25 – 11/29** |  |  |
| **MONDAY** | *Learning target: Students will identify similar polygons and write a similarity statement*  *Notes: similar polygons*  *PT conferences*  5pm to 8pm | **PT conferences**  5pm to 8pm |
| **TUESDAY** | *½ day 10:24 dismissal*  *PT conferences*  2pm to 8pm  **Students will work on bridge project research and rough draft** | *½ day 10:24 dismissal*  *PT conferences*  2pm to 8pm  **Students will work on bridge project research and rough draft** |
| **WEDNESDAY** | **No School**  **Thanksgiving Break** | **No School**  **Thanksgiving Break** |
| **THURSDAY** | **No School**  **Thanksgiving Break** | **No School**  **Thanksgiving Break** |
| **FRIDAY** | **No School**  **Thanksgiving Break** | **No School**  **Thanksgiving Break** |
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| **Lesson plans**  **11/18 – 11/22** |  |  |
| **MONDAY** | **Spiral Review**  **Wksh: using Algebra to Solve for Angle Measure** | **Packet Congruent Triangles** |
| **TUESDAY** | **Introduction to bridge project**  **Pick your group**  **12/3 rough draft and outline are due**  **12/13 Bridge and paper are due** | **Introduction to bridge project**  **Pick your group**  **12/3 rough draft and outline are due**  **12/13 Bridge and paper are due** |
| **WEDNESDAY** | *Learning target: Students will use ratios and proportions to solve problems*  *Assignments: HW-1 Ratios and proportions* | *Learning target: Students will also Apply SSS SAS, ASA, AAS, and HL to construct triangles and solve problems.*  Reteach 4.4, Reteach 4.5 |
| **THURSDAY** | *Learning target: Students will use ratios and proportions to solve problems*  **Notes and Hw. Continue**  *Assignments: Book problems #1-13* | *Learning target: Students will also Apply SSS SAS, ASA, AAS, and HL to construct triangles and solve problems.*  Reteach 4.4, Reteach 4.5 continue  *Assignments: work on review* |
| **FRIDAY** | *Learning target: Students will use ratios and proportions to solve problems*  **Notes continue**  **Quiz Proportions** | **Test Review ch.4**  **Quiz** |
| **Lesson plans**  **11/11 – 11/15** |  |  |
| **MONDAY** | **Ch.4 test review**  **Homework check**  **Test ch.4 on** | *Learning target: Students will Prove theorems about isosceles and equilateral triangles.*  Reteach 4.8  Partner quiz: Wksh. Analyzing Isosceles Triangles |
| **TUESDAY** | **No school snow day** | **No school** |
| **WEDNESDAY** | *No school* | *No school* |
| **THURSDAY** | **Review for Ch. 4 test** | *Learning target: Students will*   * Use properties of congruent triangles. * Prove triangles congruent by using the definition of congruence.   *Reteach 4.3*  *Assignment: congruent figures* |
| **FRIDAY** | **Graphing**  **½ day 10:24 dismissal**  **4th, 5th, 6th hours** | *Assignment:* **One triangle inequality**  **Quiz 4.4. 4.5**  **½ day 10:24 dismissal**  **4th, 5th, 6th hours** |
| **Lesson plans**  **11/4 – 11/8** |  |  |
| **MONDAY** | *Learning target: Students will Prove theorems about isosceles and equilateral triangles.*  Reteach 4.8continue  Partner quiz: Wksh. Analyzing Isosceles Triangles | *Learning target: Students will*   * Find the measures of interior and exterior angles of triangles. * Apply theorems about the interior and exterior angles of triangles.   Reteach 4.2  *Assignment: Geometry wksh ”Measuring angles in Triangles”*  Geometric diagrams |
| **TUESDAY** | *NO SCHOOL* | *NO SCHOOL* |
| **WEDNESDAY** | *Learning target: Students will*   * Use properties of congruent triangles. * Prove triangles congruent by using the definition of congruence.   *Reteach 4.3*  *Assignment: congruent figures* | * *Learning target:* **Students will work on partner quiz “Angles in a Triangle”**   *Assignment:* **Interior angles of a triangle pg. 15** |
| **THURSDAY** | *Learning target: Students will also Apply SSS SAS, ASA, AAS, and HL to construct triangles and solve problems.*  Reteach 4.4, Reteach 4.5  *Assignment:* book problems pgs.245-247 (# 1, 2, 3, 6, 8, 9, 11, 12,14-17) | * *Learning target:* **Students will work on partner quiz “The exterior angle Theorem”**   *Assignment:* **pg. 16 on Exterior and Interior Angle of a Triangle** |
| **FRIDAY** | *Learning target:**Students will also Apply SSS SAS, ASA, AAS, and HL to construct triangles and solve problems.*  Reteach 4.4, Reteach 4.5  *Assignment:* **One triangle inequality**  **Quiz4.4. 4.5** | *Learning target: Students will Prove theorems about isosceles and equilateral triangles.*  Reteach 4.8  Partner quiz: Wksh. Analyzing Isosceles Triangles |
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| **Lesson plans**  **10/28 – 11/1** |  |  |
| **MONDAY** | * **Students will work on partner quiz “Angles in a Triangle”**   *Assignment:* **Interior angles of a triangle pg. 15** | **Students will review for ch. 3 test** |
| **TUESDAY** | * **Students will work on partner quiz “The exterior angle Theorem”**   *Assignment:* **pg. 16 on Exterior and Interior Angle of a Triangle** | **Ch. 3 Test** |
| **WEDNESDAY** | **Review of concepts go over quizzes**  **Ch. 3 Test corrections** | **Ch. 3 Test corrections** |
| **THURSDAY** | *Learning target: Students will Prove theorems about isosceles and equilateral triangles.*  Reteach 4.8  Partner quiz: Wksh. Analyzing Isosceles Triangles | *Learning target: Students will classify triangles by angle measures and side length*  *Reteach 4-1*  *Assignment: Wksh. Triangle names* |
| **FRIDAY** | **Half day 10:24 dismissal**  **1st 2nd and 3rd hours**  **graph activity, sat prep** | **Half day 10:24 dismissal**  **1st 2nd and 3rd hours**  **No classl** |
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| **Lesson plans**  **10/21 – 10/25** |  |  |
| **MONDAY** | *Learning target: Students will* Graph lines and write their equations in slope-intercept and point-slope form.  Partner quiz sec.3.5 & 3.6 Due at the end of the hour | **Go over wksh 3.5**  **Homework check assignments 16-23**  **Review pgs. 202-203 (#1-17)**  **Review pg. 204- 205 (#18-35)** |
| **TUESDAY** | **Test Ch.3** |  |
| **WEDNESDAY** | *Learning target: Students will classify triangles by angle measures and side length*  *Reteach 4-1*  *Assignment: Wksh. Triangle names* | **Review pg. 204- 205 (#18-35)** |
| **THURSDAY** | *Learning target: Students will*   * Find the measures of interior and exterior angles of triangles. * Apply theorems about the interior and exterior angles of triangles.   Reteach 4.2  *Assignment: Geometry wksh ”Measuring angles in Triangles”* | *Learning target: Students will* Graph lines and write their equations in slope-intercept and point-slope form.  Reteach 3.6  Assignment practice A, B |
| **FRIDAY** | **Partner Quiz** Informationin Geometric diagrams”  *Assignment: BP. PG. 219 ( # 3-10)* | **3.6 continue** |
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| **Lesson plans**  **10/14 – 10/18** |  |  |
| **MONDAY** | * **Students will take a partner quiz ( worksheet #3 parallel lines cut by a transversal)** | **Students will take a partner quiz** |
| **TUESDAY** | *Learning target:* students will *Find the slope of a line, and use slopes to identify parallel and perpendicular lines.*  *Number talk*  Assignment: Coordinate plane packet  Binder check | *Learning target:* students will *Find the slope of a line, and use slopes to identify parallel and perpendicular lines.*  **Notes 3.5**  Assignment: Coordinate plane packet |
| **WEDNESDAY** | *Learning target: Students will* Graph lines and write their equations in slope-intercept and point-slope form.  Reteach 3.6  Assignment practice A, B | *Learning target:* students will *Find the slope of a line, and use slopes to identify parallel and perpendicular lines.*  **Notes 3.5**  Assignment: Coordinate plane packet |
| **THURSDAY** | *Learning target: Students will* Graph lines and write their equations in slope-intercept and point-slope form.  **Work sheet 3.5** | *Learning target: Students will* Graph lines and write their equations in slope-intercept and point-slope form.  **Work sheet 3.5** |
| **FRIDAY** | **Go over wksh 3.5**  **Homework check assignments 16-23**  **Review pgs. 202-203 (#1-17)**  **Review pg. 204- 205 (#18-35)**  **5th. ,6th hour prep assembly** | *Learning target: Students will* Graph lines and write their equations in slope-intercept and point-slope form.  **Work sheet 3.5**  **5th. ,6th hour prep assembly** |
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| **Lesson plans**  **10/7– 10/11** |  |  |
| **MONDAY** | *Learning target: students will Prove and use theorems about the angles formed by parallel lines and a transversal.*  Partner quiz: Parallel lines and angles  **working on Book problems pg.148-149 ( #1-25)** | *Learning target: students will Identify parallel, perpendicular, and skew lines.*  *Students will also Identify the angles formed by two lines and a transversal.*  **Notes sec.3.1 Lines and angles (power points 3.1)**  **Practice A/B**  **Test Corrections** |
| **TUESDAY** | **Learning target: Student will use the angles formed by a transversal to prove two lines are parallel.**  **Notes 3.3**  **Assignment: Book problems pgs.158-159 (#1-11, 13-19)** | *Learning target: Students will also Identify the angles formed by two lines and a transversal.*  **Review 3.1**  **practice A/B3.1 continue** |
| **WEDNESDAY** | *Learning target: Students will* *Prove and apply theorems about perpendicular lines.*  Reteach 3.4  Assignment: pgs. 175-178 (2, 3, 6, 7, 10-13, 31, 33) | *Learning target: students will Prove and use theorems about the angles formed by parallel lines and a transversal.*  *Reteach 3.2*  *Practice A/B 3.2*  **Angles formed by parallel lines and transversals activity** |
| **THURSDAY** | Individual quiz vocab  Binder check and homework check | *Learning target: students will Prove and use theorems about the angles formed by parallel lines and a transversal.*  *Partner quiz: parallel lines and angles* |
| **FRIDAY** | ½ day 10:24 dismissal 4th. 5th. 6th.  PARTNER QUIZ: WORKSHEET #3 ( PARALLEL LINES CUT BY A TRANSVERSAL | ½ day 10:24 dismissal 4th. 5th. 6th.  **Angles formed by parallel lines and transversals activity** |
| **Lesson plans**  **9/30 – 10/4** |  |  |
| **MONDAY** | **NWEA testing** | **NWEA testing** |
| **TUESDAY** | **NWEA testing**  **Chapter 1 Test corrections** | **NWEA testing**  **1.6 practice A/ pass test review** |
| **WEDNESDAY** | *Learning target: students will Identify parallel, perpendicular, and skew lines.*  *Students will also Identify the angles formed by two lines and a transversal.*  **Notes sec.3.1 Lines and angles (power points 3.1)**  **Practice A/B** | *Learning target: Students will develop and apply the distance formula*  **Wksh pg. 62** |
| **THURSDAY** | *Learning target: students will Prove and use theorems about the angles formed by parallel lines and a transversal.*  **Warm up graphic organizer transparency**  **Review 3.1**  **Notes 3.2, Angles formed by parallel lines and transversals**  Practice A 3.2 | *Learning target: Students will review for ch.1 test* |
| **FRIDAY** | **Learning target: Student will Review sec 3.1, 3.2**  **working on Book problems pg.148-149 ( #1-25)** | *Learning target: Students will earn an A in ch.1 test*  **Ch. 1 test** |
| **Lesson plans**  **9/23 – 9/27** |  |  |
| **MONDAY** | *Learning target: students will identify adjacent, vertical, complementary, and supplementary angles.*  Go over vocab  *Start Reteach: 1.6,*  Go over book problems  Complementary and supplementary angles partner quiz | *Learning target: students will calculate the measure of angles*  *Notes 1.3 continue*  *Practice B 1.3 with class*  *Hw. Wksh naming angles and classifying angles* |
| **TUESDAY** | *Learning target: Students will develop and apply the formula for midpoint /distance*  *Reteach1.6*  *The distance formula / midpoint formula wksh.  pgs. 62, 63*  *Start test review pg.64 9#1-14,19-21)* | *Learning target: students will calculate the measure of angles*  HW. **Pgs. 24-26 (#4-12,16,17,19-22)** |
| **WEDNESDAY** | *Learning target: Students will develop and apply the formula for midpoint*  1.6 practice A partner quiz  Go over test review questions Pg. 64 (1-24) | *Learning target: students will identify adjacent, vertical, complementary, and supplementary angles.*  *Reteach: 1.4,*  HW.  Complementary and supplementary angles packet. Pgs. 4,14, 9,10 |
| **THURSDAY** | *Learning target: Students will earn an A in ch.1 test*  *chapter-1 test* **sec.1.1-1.4, 1.6**  **Moved to friday** | *Learning target: students will identify adjacent, vertical, complementary, and supplementary angles.*  Go over vocab  *Start Reteach: 1.6,*  Go over book problems  Complementary and supplementary angles partner quiz |
| **FRIDAY** | *Learning target:* Homework check  Test corrections | *Learning target: Students will develop and apply the formula for midpoint*  **Wksh pg. 63** |
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| **Lesson plans**  **9/16 – 9/20** |  |  |
| **MONDAY** | *Learning target:*  *Notes: 1.3*  Homework check  Review vocab quiz  **vocab quiz** :Tuesday 9/17  HW. **Pgs. 24-26 (#4-12,16,17,19-22)** | *Learning target: students will work on line design project*(due Fri 9/21)  *Notes: 1.2*  *Go over book problems pgs.9-11*  *Practice B 1.2 in class*  *Review for vocab quiz* |
| **TUESDAY** | *Learning target: students will Measure and construct angles*  Homework check Assignment #1-7  Vocab Quiz  **Classifying angles wksh pgs. 5,6**  HW. BP. **Pgs. 24-26 (#4-12,16,17,19-22)** | *Learning target: students will Name and classify angles.*  *Review for vocab quiz*  *Practice B 1.2 in class*  *Book problems pg 17-19. ((3,4,7,14,15,17,18)* |
| **WEDNESDAY** | *Learning target: Students will earn an A in sec1.1-1.3 quiz (last day to hand in line design*)  *HW. Practice B, sec 1.3*  *Partner quiz 1.1-1.3* | *Learning target: students will calculate the measure of angles*  *Notes: 1.3*  **Pgs. 24-26 (#4-12,16,17,19-22)**  HW. **Classifying angles wksh pg. 5,6**(in clas) |
| **THURSDAY** | *Learning target: students will identify adjacent, vertical, complementary, and supplementary angles.*  *Reteach: 1.4,*  HW.  Complementary and supplementary angles packet. Pgs. 4,14, 9,10 | *Learning target: students will calculate the measure of angles*  *Notes 1.3 continue*  *HW. Practice B*  *Introduction to line design*  *Vocab quiz* |
| **FRIDAY** | 1/2 day  *PLC 4th., 5th., and 6th hour*  Line design is due Monday  Book problems pgs. 32-33 (14-21, 23, 26, 30, 34-37) | *No class !/2 day*  *PLC 4th., 5th., and 6th hour*  *Line design due Monday* |
| **Lesson plans**  **9/9 – 9/13** |  |  |
| **MONDAY** | *Learning target:* students will Identify, name, and draw points, lines, segments, rays, and planes.  Warm up, Notes 1.1  Quiz solving equations  Apply basic facts about points, lines, and planes.  HW. **practice A/B lesson 1.1** | *Learning target***: students will solve one step and multistep equations**  **Hw. Work sheet solving one step and multistep equations** |
| **TUESDAY** | *Learning target***: Discuss postulates intersections, and draw and label figures involving planes**  **HW. pgs.9-11, (# 3-6, 9-17,18-27,33, 34, 39)** | *Learning target:* students will Identify, name, and draw points, lines, segments, rays, and planes.  Warm up, Notes 1.1  Apply basic facts about points, lines, and planes.  HW. **practice A/B lesson 1.1** |
| **WEDNESDAY** | *Learning target***:** Use length and midpoint of a segment and construct congruent segments.  **Warm up, Go over HW**  **Notes 1.2 Measuring and constructing segments**  **HW. Pgs. 17-19 (3, 4, 7, 14, 15, 17, 18, 21, 24, 26, 31, 33, 37, 38** | *Learning target:* students will Identify, name, and draw points, lines, segments, rays, and planes.  **HW. pgs.9-11, (# 3-6, 9-27)** |
| **THURSDAY** | *Learning target: students will Name and classify angles.*  **Warm up, Go over HW**  *Notes: 1.3*  HW. **Practice B 1.2, (#2-12)**  **Review for vocab quiz** | **Learning target: Use length and midpoint of a segment and construct congruent segments.**  **Warm up, Go over HW**  **Notes 1.2 Measuring and constructing segments**  **Hw. Practice A/B 1.2** |
| **FRIDAY** | *Learning target: students will receive an A in a vocab quiz*  *Go over book problems*  **vocab quiz**  **go over features of the book on line**  **khan academy and ixl.com** | **Learning target: Use length and midpoint of a segment and construct congruent segments.**  **go over practice A/B**  **nots 1.2 cntinue** |
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| **Lesson plans**  **9/2 – 9/6** |  |  |
| **MONDAY** | **Happy Labor day no school** | **Happy Labor day no school** |
| **TUESDAY** | **Welcome students; discuss school rule, classroom expectation, and classroom supplies** | **Welcome students; discuss school rule, classroom expectation, and classroom supplies** |
| **WEDNESDAY** | **classroom expectation continues,**  **Sign up for Remind 101 and Khan Academy**  **Go over online features and resources of the text book.** | **classroom expectation continues,**  **Sign up for Remind 101 and Khan Academy**  **Go over online features and resources of the text book.** |
| **THURSDAY** | **Review Algebra combining like terms**  **classroom supplies due Friday, ice breaker marshmallow and spaghetti challenge** | **Review Algebra combining like terms**  **classroom supplies due Friday, ice breaker marshmallow and spaghetti challenge** |
| **FRIDAY** | **Supply check**  **Reviewing algebra Evaluating expressions/ multistep equation** | **Supply check**  **Reviewing algebra Evaluating expressions/ multistep equation** |