**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 problemsGo 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 problemsNotes: 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 problemsNotes: 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 problemsNotes: 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 4.8Partner 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 4.8continuePartner 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 4.8Partner 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 4.8Partner 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 packetBinder 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 vocabBinder 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 quizGo 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 checkTest 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 checkReview vocab quiz**vocab quiz** :Tuesday 9/17HW. **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 #1-7Vocab 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 MondayBook 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 1.1Quiz solving equationsApply 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 1.1Apply 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** |