Teacher: Hall-Robinson Date:10/28- 11/1 Subject: Math Period:

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| **Alabama CCRS/COS: Standards** 23. Apply area and perimeter formulas for rectangles in real-word and mathematical situations. |

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| **Standards:** 4. MD.B.4 4. NF.A.1**Mathematical Practices:** MP.1 MP.2 MP.3 MP.4 MP.5 MP.6 MP.7 MP.8● Read line plots ● Make line plots ● Use line plots to solve problems**Standards:** 4. MD.A.1 4. MD.A.2 4. MD.A.3 4. NF.B.3d 4.NF.B.4 4.NF.B.4c 4.NTB.B.5**Mathematical Practices:** MP.1 MP.2 MP.3 MP.4 MP.5 MP.6 MP.7 MP.8Equivalence with customary units of length ● Equivalence with customary units of capacity ● Equivalence with customary units of weight ● Equivalence with metric units of length ● Equivalence with metric units of capacity and mass ● Solve area and perimeter problems. |
| 3 Determine and justify solutions for multi-step word problems, including problems where remainders must be interpreted.3a. Write equations to show solutions for multi-step word problems with a letter standing for the unknown quantity.15c Solve word problems involving addition and subtraction of fractions and mixed numbers having like denominators, using drawings, visual fraction models, and equations to represent the problem.16c Solve word problems involving multiplying a whole number of times a fraction using visual fraction models and equations to represent the problem.21 Select and use an appropriate unit of measurement for a given attribute (length, mass, liquid volume, time) within one system of units: metric - km, m, cm; kg, g, l, ml; customary - lb., oz; time - hr., min, sec.21a Within one system of units, express measurements of a larger unit in terms of a smaller unit. Record measurement equivalents in a two-column table.23. Apply area and perimeter formulas for rectangles in real-word and mathematical situations.**This Week’s Vocabulary:** * Centimeter
* Inches
* Perimeter
* Area
* Formula
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**ACTIVATING LEARNING STRATEGY/STRATEGIC TEACHING STRATEGIES:**

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|  [ ]  | KWL |  |  [ ]  Word Splash |   | [ ]  Anticipation Guide |  | [ ]  Lecture |  | [ ]  Graphic Organizer/VLT |   | [ ]  Poem, Rhymes, etc. |
|  [ ]  | Survey |   |  [ ]  Possible Sentence |   | [x]  Think-Pair-Share |  | [ ]  Reading |   | [x]  Pictograph |   | [ ]  Acronyms/Word |
|  [ ]  | First Word |   |  [ ]  Concept Map |  | [x]  Vocabulary Overview |   | [ ]  Model |   | [ ]  Diagram |   | [ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_ |
|  [ ]  |  Word Map |   |  [ ]  Frayer Model |  | [ ]  Daily Language Practice (DLP)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |   | [ ]  Hands-on |   | [x]  Mind Map/Visual Guide |  |  |
|   |   |   |   |   |   |   |   |   |   |   |   |
| **Engagement Strategies:**[x]  - Collaborative Group Work [ ]  - Writing to Learn [ ]  - Literacy Groups [ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [ ]  - Questioning Techniques [ ]  - Scaffolding Text [ ]  -Classroom Talk [x]  - T.W.I.R.L. |
| **Technology Integration:** [x]  Smart board [ ]  Document Camera [ ]  IPADS [ ]  Mac Books [x]  Computers [ ]  Kindles [ ]  Interactive Tablets [ ]  Digital/ Video Camera [ ]  Clickers [ ]  ACCESS [x]  Computer Program:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [ ]  Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  |

**PROCEDURAL CONTENT (application)**

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|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| ***Essential Question*** | HOW CAN YOU USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS? | HOW CAN YOU USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS? | HOW CAN YOU USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS? | *HOW CAN YOU USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS??* | ***HOW CAN YOU USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS?*** |
|  ***I Can Statement***  | **I CAN USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS.** | **I CAN USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS.** | **I CAN USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS.** |   I CAN USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS. |   I CAN USE FORMULAS FOR PERIMETER AND AREA TO SOLVE PROBLEMS. |
| *Preview* *(Before)**Warm-up- Hook* | SAY SOMETHINGNumber StringCalendar MathBell RingerPrior Knowledge Real World Scenarios Pose the Solve and Share ProblemExample | SAY SOMETHINGNumber StringCalendar MathBell RingerPrior Knowledge Real World Scenarios Pose the Solve and Share ProblemExample | SAY SOMETHINGNumber StringCalendar MathBell RingerPrior Knowledge Real World Scenarios Pose the Solve and Share ProblemExample | SAY SOMETHINGNumber StringCalendar MathBell RingerPrior Knowledge Real World Scenarios Pose the Solve and Share ProblemExample | Review and Model LessonNumber StringCalendar Math |
|  *Instruction* *(During)*I Do-We Do-Y’all Do-You Do- | Centers: Fluency/Skill- Envision 504Teacher Table Word Work Technology- I ready teacher assignments | Centers: Fluency/Skill- Envision 504Teacher Table Word Work Technology- I ready teacher assignments | Centers: Fluency/Skill- Envision 504Teacher Table Word Work Technology- I ready teacher assignments | Centers: Fluency/Skill- Envision 504Teacher Table Word Work Technology- I ready teacher assignments | Assess the students |
|  Small Group | PROBLEM SOLVING AND ACAP INTERVENTION | PROBLEM SOLVING AND ACAP INTERVENTION | PROBLEM SOLVING AND ACAP INTERVENTION | PROBLEM SOLVING AND ACAP INTERVENTION | PROBLEM SOLVING AND ACAP INTERVENTION |
| *After/Homework* | GRAND CONVERSATION Solve the Problem Pad, Kahoot, BookletProdigy, Practice and Study Notes and Problems | GRAND CONVERSATIONSolve the Problem Pad, Kahoot, BookletProdigy, Practice and Study Notes and Problems | GRAND CONVERSATION Solve the Problem Pad, Kahoot, BookletProdigy, Practice and Study Notes and Problems | GRAND CONVERSATION Solve the Problem Pad, Kahoot, BookletProdigy, Practice and Study Notes and Problems | STUDENTS CONTINUE TESTING |
| **Assessment (Formative):** [x] Class work [x] Notebook [x] Homework [x] quizzes [x] Tests [ ] Computer activities [x] Collaborative work [ ]  Project/ Other: |

**Assessment (Summative):** [ ] Quizze**s** [ ] T**ests** [ ] Group activities **[ ]** Project based **[ ]** Other:

**Summarizing****:** [ ]  3-2-1 [ ]  Ticket out the Door [ ]  The Important Thing [ ]  Cue Cards [x]  Teacher Questions [ ]  Student Summary [x]  Other: