|  |  |
| --- | --- |
| **Daily Lesson Plan** | |
| **Subject/Course: Math**  **Topic: Ratios, Rate and Proportions** | **Teacher: Shavonne Burrows and Latasha Henderson**  **Date: August 25-29, 2014** |
| **Common Core Standards:**  6. RP.3 Use ratio and rate reasoning to solve real-world and mathematical problems  6. RP.3a Make tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and plot the pairs of values on the coordinate plane. Use tables to compare ratios.  6.RP.3b Solve unit rate problems including those involving unit pricing and constant speed.  **I can Statements:**   * Use ratios and rates to solve real-world math problem * Use table to find missing values for ratios * Solve unit rates problems using different strategies | |
| **Vocabulary:**  **rate, unit rate, unit price, ratio tables, equivalent ratios, scaling** | **Essential Questions:**  **HOW do you use equivalent rates in the real world?**  **HohhHh** |
| **Classroom Design** | |
| **Monday –Friday Materials:**  Math Notebook, Glencoe Math Workbook, Scissors, crayons, glue | |
| **Warm Up: Math Bell Ringer**  **Monday-Friday: Math Notebook- see students math journal (Bell Ringer Problems Upload on teacher webpage) (Week 3)** | |
| **Monday –** Teacher will introduce rates and unit rates using video at the following website, <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic> . Teacher will also use Inquiry Lab pages 27-30 to introduce skill. **CLOSING-**students will create FRAYER model for vocabulary **rates**.  **Tuesday** – **Activity (Work) Period**: Students will review previous day lesson and vocabulary. Review Rates and Unit Rates using video at following website Math Workbook Lesson 3 Rates Glencoe Math Workbook Lesson 3 page 34-36. **CLOSING-**students will create FRAYER model for vocabulary **unit rates**.  **Wednesday** – Teacher will introduce **ratio tables, equivalent ratios, scaling** using video at the following website, <https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-ratios-prop-topic> Teacher will also use pages 39-42 to introduce skills. Students will complete page 43 independently. **CLOSING-** Create foldable to show the ***different ways to solve ratios***.  **Thursday-** Review vocabulary- Ratio. Teacher and students will work through Nana’s Chocolate Milk at <http://threeacts.mrmeyer.com/nana/> Continue working on Math Workbook Lesson 3 Ratios Glencoe Math Workbook Lesson 2 page 43-45. Early finishers: Performance Task Ratios and Rates (use rubric to grade)  **Friday**- Review Ratios 3: Rates and Unit Rates Early finishers: Performance Task Ratios and Rates (use rubric to grade)  **Small Group Instruction-** STRIDE Academy, Math Task Cards, teacher station, Glencoe Extra Practice Activities and Performance Task  **Monday Homework: Any work not completed in class, students will complete for homework**  **Tuesday Homework: Any work not completed in class, students will complete for homework and Extra Practice Problems on Ratios**  **Wednesday Homework: Any work not completed in class, students will complete for homework and Extra Practice Problems on Ratios**  **Thursday Homework: Any work not completed in class, students will complete for homework and Extra Practice Problems on Ratios**  **Friday Homework: none** | |
| **Monday – Friday Closing**: Students will discuss what he/she has learned today.  **Assessment**: Teacher Observation, student participation and Math Assessment 2. | |
| **Technology Integration: Document Camera, Internet, Compass Learning, Stride Academy and Smart Board** | |