Emergency Lesson Plans  
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Room 502  
  
Activities:   
1. **What are Science Skills?**  Objective is the identify and use science skills to solve problems and answer questions. Record work on notebook paper.  
- Answer Analyze and Identify Questions.  
- Record and describe each Language of the Science Vocabulary (9 words) under the heading “Think Scientifically”.  
- Answer Check questions. For each include the question in your answer.  
- Complete activity “Organizing Data”  
Materials: Handout, paper  
  
2. **What is the Metric System?**  Objective is to identify various metric units used to make measurements. Record work on notebook paper.  
- Answer Name, Describe, and Analyze Questions.  
- Answer “Check” questions   
- Complete activity “Measuring Length”. They are to create data table for their measurements.   
Materials: Handout, paper, ruler  
  
3. **Understanding the Metric System (Notes)** Objective is to identify and analyze principles and name the basic units in the metric system.  
- On notebook paper, record the class notes on “Understanding the Metric System.  
Materials: paper, “Understanding the Metric System” handout  
  
4. **Metric Street USA** Objective is to introduce and explain information on the Metric Street USA handout or on notebook paper. Have students copy the class notes on “Understanding the Metric System onto a notebook paper.  
Materials: paper, two handouts  
  
5.  **The Metric System – Length Part I and B:** On a notebook paper, have students record their answers for each problem from both sides of the handout. Students will need a ruler and handout.   
  
6. **The Metric System – Length Quiz:** Solve each problem on both sides of the handout. Students will need notebook paper, a ruler, and handout.  
  
7. **The Metric System- The use of the Metric Ruler:** On their own paper, have students solve each problem on both sides of the handout. Students will need a copy of the handout. Meter stick, ruler, penny, pen, student desk, microscope slide, microscope cover slip, and door to measure.  
  
8.  **Measuring Metrics and Which Measurement is Most Likely Correct:**  On their own paper, have students solve each problem on both sides of the handout. Students will need a handout and ruler.  
  
9. **Practicing Measurement Skills:** On their own paper, have students solve each problem on both sides of the handout. Students will need a handout and a ruler.  
  
10. **Metric Measuring:** Students should use a ruler to find the length of each line in cm and mm. Record answers on their own paper.  
  
11. **“Make your own” wordsearch:** Give students ~25 minutes to make a wordsearch that uses 12 words related to measuring and the metric system. Then collect and redistribute puzzles so that each student solves a puzzle that someone else made.