

<b>Lesson Title: Mean, Median, and Mode (Day 2 of 5)</b>
<b>Unit: Graphing</b>
<b>Grade Level: 6<sup>th</sup> grade</b>
<b>Estimated time requirement: 1 class period</b>
<b>Summary: Students will learn to find the mean, median, and mode from a set of data.</b>
<b>Objectives:</b>
<ul style="list-style-type: none"> <li>• Students will learn to find the mean, median, and mode from a set of data.</li> </ul>
<b>Texas Essential Knowledge and Skills: 10B, 10D, 11A, 12A</b>
<b>Assessment:</b>
<ul style="list-style-type: none"> <li>• Teacher made student quiz.</li> <li>• Workbook page 1-3 from Prentice Hall.</li> </ul>
<b>Materials:</b>
<ul style="list-style-type: none"> <li>• TI-73 Graphing Calculators</li> <li>• Vocabulary power point</li> </ul>
<b>Resources:</b>
<ul style="list-style-type: none"> <li>• Text: Prentice Hall Middle Grades Math Tools for Success (pages 12-16)</li> </ul>
<b>Prior Knowledge/Skills:</b> adding and dividing whole numbers, ordering whole numbers, reading line plots
<b>Procedures:</b>
Students will look at the data they gathered in the previous lesson. Using this information, the students will find the mean, median, and mode for each set of data and survey.
<b>Modifications:</b>
<ul style="list-style-type: none"> <li>•</li> </ul>
<b>Technology Infusion:</b>
<ul style="list-style-type: none"> <li>• Students will watch a teacher made power point for the vocabulary part of the lesson.</li> <li>• Students will use the TI-73 Graphing Calculator to help them find the statistical information on the surveys they created and data they collected.</li> </ul>
<b>Cultural Connections: Students can work with family members to record the scores of players from board games or computer games they play together. Have students find the mean, median, and mode for the scores they record.</b>
<b>Check store catalogs for the range of prices of a favorite item. If you were the store's marketing manager, would you use the range, mean, mode, or median to advertise the item?</b>
<b>Family Connection: Have students estimate how much they spend a month on certain items. Find the mean, median and mode of these sets of data.</b>
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