### Week of: October 8, 2007
#### Teacher: Ronn Andrusco  
#### Subject: AP Statistics

<table>
<thead>
<tr>
<th>Day</th>
<th>TLW:</th>
<th>Objective:</th>
<th>Activities:</th>
<th>Materials:</th>
<th>Follow Up/HW:</th>
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</thead>
<tbody>
<tr>
<td>Monday</td>
<td>Understand linear regression</td>
<td>Understand the relationship between variables that are quantitative and the least squares regression line (LSRL).</td>
<td>Review assignments and sheets on regression</td>
<td>Textbook, Graphing calculator</td>
<td>Ch 7-#2, 4, 6, 8, 13, 16, 26, 28/Ch8-#2, 4, 6, 11, 15, 18, 26, 42, 50 questions, review sheets</td>
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<td>Tuesday</td>
<td>Understand the Challenger crash of 1985</td>
<td>Demonstrate the use of statistics in the analysis of the Challenger crash. Use calculator to calculate residuals for regression line.</td>
<td>Data hand out and analysis</td>
<td>Graphing calculator</td>
<td>Ch7/Ch8</td>
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<td>Wednesday</td>
<td>Complete hand out material and Ch7/Ch8 questions.</td>
<td>Use calculator to assist in finding regression models.</td>
<td>In class worksheet completion.</td>
<td>Textbook, graphing calculator</td>
<td>Handout material</td>
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<td>Thursday</td>
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<td>Objective:</td>
<td>Activities:</td>
<td>Materials:</td>
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<td>Friday</td>
<td>Understand Data transformation.</td>
<td>Introduce the concept of transformations to data.</td>
<td>Model fitting to data using transformations.</td>
<td>Textbook, graphing calculator</td>
<td>Chapter 7/8/9-#3, 4, 8, 10, 11, 13, 15 questions.</td>
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