

Statistics and Business Decision Making

Randice Nelson

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. You will use statistics to make business decisions. You will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

<p>Unit 2: Statistics in Business</p> <p>Students will summarize and evaluate how statistics are used in business areas such as accounting, economics, finance, management, and marketing.</p> <p>Students will learn, demonstrate, and explain their understanding of problem-solving models and how to apply their mathematical understanding and skills to the use of statistics.</p> <p>Students will be given multiple opportunities to learn and demonstrate their understanding of the ethical and responsible use of statistics in classroom activities, discussions, projects, and/or presentations.</p>		
Mon	Lesson: apply mathematics to problems arising in everyday life, society, and the workplace; 2 (A)	Basics of Statistics slides 4-17 Quiz for review Calculating Statistics: Mean, Median, Mode, Range
Tues	Lesson: use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution 2 (B)	Methods of Displaying Statistics slides 18-35 Quiz for Review Activity: Statistics & Projections - create a chart or graph - write a summary of the results
Wed		Types of Projections Slides 37-58 Quiz for review Create a customer survey
Thurs	Lesson: select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and	
Fri		

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	techniques, including mental math, estimation, and number sense as appropriate, to solve problems 2 (C)	PR reports
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