

CH. 9 Data and Statistics

Lesson: 9-1 Samples and surveys
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students identify and analyze sampling methods.

Teaching Procedure

Read/discuss p. 462-463. Work p. 464 #1-4 at the board.

Homework Assignment

Workbook 9-1.

Lesson: 9-2 Identifying sampling errors and bias
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students identify bias in samples and surveys and evaluate survey claims.

Teaching Procedure

Read/discuss p. 467-468. Work p. 469 #1-4 at the board.

Homework Assignment

Workbook 9-2.

Lesson: 9-3 Organizing data
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students organize data in line plots, stem and leaf plots, and Venn diagrams.

Teaching Procedure

Read/discuss p. 471-472. Work p. 473 #1-5 at the board.

Homework Assignment

Workbook 9-3.

Lesson: 9-4 Measures of central tendency

Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students find appropriate measures of central tendency.

Teaching Procedure

Read/discuss p. 476-478. Work p. 479 #1-5 at the board.

Homework Assignment

Workbook 9-4.

Lesson: 9-5 Variability
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students find measures of variability.

Teaching Procedure

Read/discuss p. 482-484. Work p. 484 #1-6 at the board.

Homework Assignment

Workbook 9-5.

Lesson: 9-6 Displaying data
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students display data in bar graphs, histograms, and line graphs.

Teaching Procedure

Read/discuss p. 491-492. Work p. 493 #1-3 at the board.

Homework Assignment

Workbook 9-6.

Lesson: 9-7 Analyzing data displays
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any******Lesson Objective**

Students and make predictions from data displays.

Teaching Procedure

Read/discuss p. 496-497. Work p. 498 #1-6 at the board.

Homework Assignment

Workbook 9-7.

Lesson: 9-8 Misleading graphs and statistics
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any******Lesson Objective**

Students recognize misleading graphs and statistics.

Teaching Procedure

Read/discuss p. 500-501. Work p. 502 #1-4 at the board.

Homework Assignment

Workbook 9-8.

Lesson: 9-9 Scatter plots
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any******Lesson Objective**

Students create and interpret scatter plots.

Teaching Procedure

Read/discuss p. 504-505. Work p. 506 #1-2 at the board.

Homework Assignment

Workbook 9-9.

Lesson: 9-10 Choosing the best representation of data
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Lesson Objective

Students will select the best representation for a set of data.

Teaching Procedure

Read/discuss p. 510-511. Work p. 512 #1-2 at the board.

Homework Assignment

Workbook 9-10.

Lesson: Test
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 8

****Correct Homework, if any****

Student Evaluation

Administer test on p. 523.