

**CH. 7 Collecting, Displaying and Analyzing Data**

**Lesson:** 7-1 Frequency tables, stem/leaf plots and line plots  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

**Lesson Objective**

Students organize and interpret data in frequency tables, stem and leaf plots, and line plots.

**Teaching Procedure**

Read/discuss p. 380-382. Work p. 382 #1-3 at the board.

**Homework Assignment**

Workbook 7-1.

**Lesson:** 7-2 Mean, median, mode and range  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students find the mean, median, mode and range of a data set.

**Teaching Procedure**

Read/discuss p. 385-387. Work p. 388 #1-4 at the board.

**Homework Assignment**

Workbook 7-2.

**Lesson:** 7-3 Bar graphs and histograms  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students display and analyze data in bar graphs and histograms.

**Teaching Procedure**

Read/discuss p. 390-391. Work p. 392 #1-5 at the board.

**Homework Assignment**

Workbook 7-3.

**Lesson:** 7-4 Reading and interpreting circle graphs  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

This is a short description of this lesson

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

Students read and interpret data presented in circle graphs.

**Teaching Procedure**

Read/discuss p. 394-395. Work p. 396 #1-5 at the board.

**Homework Assignment**

Workbook 7-4.

**Lesson:** 7-5 Box and whisker plots  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students display and analyze data in box and whisker plots.

**Teaching Procedure**

Read/discuss p. 398-399. Work p. 400 #1-4 at the board.

**Homework Assignment**

Workbook 7-5.

**Lesson:** 7-6 Line graphs  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

This is a short description of this lesson

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

Students display and analyze data in line graphs.

**Teaching Procedure**

Read/discuss p. 406-407. Work p. 408 #1-3 at the board.

**Homework Assignment**

Workbook 7-6.

**Lesson:** 7-7 Choosing an appropriate display  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students select and use appropriate representations for displaying data.

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**Teaching Procedure**

Read/discuss p. 412-413. Work p. 414 #1-4 at the board.

**Homework Assignment**

Workbook 7-7.

**Lesson:** 7-8 Populations and samples  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students compare and analyze sampling methods.

**Teaching Procedure**

Read/discuss p. 418-419. Work p. 420 #1-4 at the board.

**Homework Assignment**

Workbook 7-8.

**Lesson:** 7-9 Scatter plots  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students display and analyze data in scatter plots.

**Teaching Procedure**

Read/discuss p. 422-423. Work p. 424 #1-4 at the board.

**Homework Assignment**

Workbook 7-9.

**Lesson:** 7-10 Misleading graphs  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

Students identify and analyze misleading graphs.

**Teaching Procedure**

Read/discuss p. 428-429. Work p. 430 #1-3 at the board.

**Homework Assignment**

Workbook 7-10.

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**Lesson:** Test  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 7

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

### **Student Evaluation**

Administer test on p. 439.