**Unit 1 - Exploring Data**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Topic | Keeper Notes/ reading assignment for next day | Book work |
| Wed  1/15 | Chapter 4 TEST  Intro: Data Analysis: Making Sense of Data | Read Pages 1-12 | page 7-8 #1,3,5,7,8 |
| Thursday  1/16 | * 1. Analyzing Categorical Data   2. 1.2 Displaying Quantitative Data with Graphs | [R](http://www.hopkins.k12.ky.us/webpages/vbrowning/files/tps4e_ch1_intro.ppt)ead pages 12-35  WB p.5-6  WB 8-9 | Page 22-26 #11,13,15  ,17,19,21.23,25 |
| Friday  1/17 | 1.1 Analyzing Categorical Data  1.2 Displaying Quantitative Data with Graphs | Read pages 27-42  Worksheets 1.1 A 1.2 A  2.1 ws | Review for Quiz   1.1-1.2  [https://cobbk12.blackboard.com/images/ci/icons/cmlink_generic.gif](https://cobbk12.blackboard.com/webapps/blackboard/content/listContentEditable.jsp?content_id=_946152_1&course_id=_17444_1#contextMenu)27-32all, 39,41,43,45,47  page 45 # 53,55,57,59,60,69-74 |
| Tuesday  Jan. 21 | Quiz 1.1/1.2  1.3 Displaying Quantitative Data with Numbers | Read Pages 35-58  [Keeper 1.3 Displaying Quantitative Data with Numbers](http://www.hopkins.k12.ky.us/webpages/vbrowning/files/tps4e_ch1_1.3.ppt) | page 42 # 37,39,41,43,45,47 |
| Wednesday  Jan. 22 | 1.3 Displaying Quantitative Data with Numbers | [R](http://www.hopkins.k12.ky.us/webpages/vbrowning/files/tps4e_ch1_1.3.ppt)ead pages 58-69  Practice FRQ WB | page 70 #79,81,83,87,89  Page 71  # 91,93,95,97,103,105,107-110 |
| Thursday  Jan. 23 | FRQ Ch 1 | Wrap up the chapter  Practice Test | [[https://cobbk12.blackboard.com/images/ci/icons/cmlink_generic.gif](https://cobbk12.blackboard.com/webapps/blackboard/content/listContentEditable.jsp?content_id=_946152_1&course_id=_17444_1#contextMenu)](https://cobbk12.blackboard.com/webapps/blackboard/content/listContentEditable.jsp?content_id=_946152_1&course_id=_17444_1#contextMenu)Page 78  T1.1 to T1.15 |
| Friday   Jan. 24 | Test Guided Notes Due | Chapter  2  [Keeper 2.1 - Describing Location in a Distribution](http://www.hopkins.k12.ky.us/webpages/vbrowning/files/tps4e_ch2_2.1.ppt)  Read pages 82-91 | [[https://cobbk12.blackboard.com/images/ci/icons/cmlink_generic.gif](https://cobbk12.blackboard.com/webapps/blackboard/content/listContentEditable.jsp?content_id=_946152_1&course_id=_17444_1#contextMenu)](https://cobbk12.blackboard.com/webapps/blackboard/content/listContentEditable.jsp?content_id=_946152_1&course_id=_17444_1#contextMenu)   Guided Notes MUST Complete |

**STANDARDS**

**Exploring Data: describing patterns and departures from patterns**

1. Constructing and interpreting graphical displays of distributions of univariate data (dotplot, stemplot, histograms, cumulative frequency plots

**1.**   Center and spread

**2.**   Clusters and gaps

**3.**   Outliers and unusual features

**4.**   Shape

1. **Summarizing distributions of univariate data**

**1.**   Measuring center: mean median

**2.**   Measuring spread: range, interquartile range standard deviation

**3.**   Measuring position: quartiles

**4.**   Using boxplots

1. **Comparing distributions of univariate data (dotplots, back-to-back stem plots, parallel boxplots)**

**1.**   Comparing center and spread

**2.**   Comparing clusters and gaps

**3.**   Comparing outliers and unusual features

**4.**   Comparing shape

1. **Exploring categorical data**

**1.**   Frequency tables and bar charts

**2.**   Marginal and joint frequencies for two-way tables

**3.** Comparing distributions using bar charts