**UNIT 7– DATA & PROBABILITY**

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| **Assignment** | **Title** | **Work to complete** | **Complete** |
| **7.1** | ***Mean, Median, Mode & Range*** |  |  |
| **7A** | ***Worksheet*** |  |  |
|  | ***Quiz 1*** |  |  |
| **7.2** | ***Displaying Data:***  ***Histograms & Bar Graphs*** |  |  |
|  | ***Scatter Plots*** |  |  |
|  | ***Line Graphs*** |  |  |
|  | ***Circle Graphs*** |  |  |
|  | ***Infographics*** |  |  |
| **7B** | ***Worksheet*** |  |  |
|  | ***Quiz 2*** |  |  |
| **7.3** | ***Experimental Probability*** |  |  |
| **7C** | ***Worksheet*** |  |  |
|  | ***Quiz 3*** |  |  |
| **Practice Test** | **Practice Test / Unit Review Assignment** |  |  |
| **Chapter Test** | **Show me your stuff !** |  |  |
| **Self-Assessment** | **On the next page, complete the self-assessment.** |  |  |

**Self Assessment**

On the following chart, indicate how confident you feel about each statement.

**1 – I need more help 2 – I need more practice 3 – I could teach it !**

Discuss this with your teacher ***before*** you write the test!

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| **Statement** | **1, 2 or 3** |
| After completing this chapter; |
| * I can interpret and analyze and create a variety of graphs (bar, histogram, line, circle, pictographs, infographs, scatter plots) |  |
| * I can create a variety of graphs (bar, histogram, line, circle, pictographs, infographs, scatter plots) from a set of data |  |
| * I can calculate the measures of central tendencies for a given set of data (mean, median and mode) |  |
| * I can identify outliers and analyze how they may affect measures of central tendency |  |
| * I can identify relationships (correlations) between two variables in a set of data |  |
| * I can calculate theoretical probability of an event |  |
| * I can conduct an experiment (or create a simulation) to determine the probability of an event happening |  |
| * I understand the difference between theoretical and experimental probability |  |

**Vocabulary:**

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| --- | --- |
| mean  median  mode  range  measures of central tendency  experimental probability  theoretical probability | data  scatter plots  outliers  infographs  positive correlations  negative correlations |