

TPS 2014 Topic Related Terms

Science Principles

- **Beer's Law**
- **Newton's Law of Cooling**
- **Significant Figures**
- **Random / Systematic Error**

Mathematical Principles of Data Handling

- **Stat Plot**
 - **Line of Best Fit**
 - **Regressions**
- **Mathematical Modeling**
 - **Residuals**
 - **R-values**
 - **Correlation coefficient**
- **Confidence Level**
 - **Interpretation**
 - **Extrapolation**
- **Statistics**
 - **Mean, mode, median**
 - **Standard Deviation**
 - **Normal Distribution**