Lap 2 Chapter 1 Introduction to Statistics

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Overview & Rational

In this LAP, we will what statistics is and why it is important to understand. We will define basic terminology that will be used throughout the semester, and classify types of data.

**Essential Question**

How can understanding statistics help make us better inhabitants of our world?

**Open Lab & Enrichment Due Sept 18th**

**Enrichment Assignment:** Penny Data Classification

**This lap only includes three lessons, so we are only taking a quiz over it instead of a summative test. The quiz will be in class on the 18th**

| Date | Lesson | Homework |
| --- | --- | --- |
| Thursday  9/6  E | **1.1 Overview of Statistics**  SWBAT define statistics, differentiate between population and a sample, and distinguish between descriptive and inferential statistics | [www.mathxlforschool.com](http://www.mathxlforschool.com)   * 1. Introduction to Statistics   Complete by : 9/7 |
| Friay  9/7  F | **1.2 Data Classification**  SWBAT classify data into qualitative and quantitative, and into the four levels of measurement | [www.mathxlforschool.com](http://www.mathxlforschool.com)   * 1. Data Classification   Complete by: 9/10 |
| Monday  9/10  G | **Case Study** | Finish Case Study if you did not in class |
| Wednesday  9/12  J | **1.3 Data Collection and Experimental Design**  SWBAT design an experiment, collect data, create a sample using the different sampling methods | [www.mathxlforschool.com](http://www.mathxlforschool.com)   * 1. Data Collection and Experimental Design   Complete by: 9/12 |
| Tuesday  9/18  A | **Analyze and Design a Study**  SWBAT analyze a study and design a study | p. 26 #35-36  **we will discuss a due date after this class** |
| Wednesday  9/19  B | **Review Day & Quiz - In Class** |  |