Unit 1b Technology- Google Apps and Databases

Content Area: **Technology**
Course(s): **Technology 2**
Time Period: **MP1-2**
Length: **October/November**
Status: **Published**

Essential Questions

How can information be stored, organized and shared on a computer?

Big Ideas

Recognize how data can be stored and shared in different file formats and accessed from local storage devices, networked devices, and cloud services.

Cross Curricular Integration

Integration Area: Math

2.MD.D.10 Measurement and data: Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put together, take-apart, and compare problems using information presented in a bar graph.

Activity:

Make a bar graph to represent a data set with up to four categories. Interpret the data.

Enduring Understandings

8.1.2.DA.1: Collect and present data, including climate change data, in various visual formats.

8.1.2.DA.2: Store, copy, search, retrieve, modify, and delete data using a computing device.

Climate Change

Math: Cross-Curricular

2.MD.D.10: Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

- Activity: Make a bar graph to represent a data set with up to four categories. Interpret the data.

Activities and Assessments

- Databases: Using Databases to Store and Organize Data
- Databases: Tables, Records, and Fields Journal
- Spreadsheets: Parts
- Spreadsheets: Navigating Cells, Rows, and Columns
- Spreadsheets: Cell Formatting
- Spreadsheets: Line Charts
- Graphing Weather
- Class Pet Spreadsheet

Resources:

Learning.com

Google Sheets