Unit 1b Technology- Google Apps and Databases

Content Area: Technology
Course(s): Technology 2
Time Period: MP1-2

Length: October/November

Status: **Published**

Essential Q	uestions
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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