

Grade Level: 6th

Content area: Science -Using Google Sheets to Create Charts/Graphs for Experimental Data

Link to Lesson Plan - [Google Sheets for Creating Graphs](#)

Brief Description of Project or Assignment

After collecting data on the change in mass of various types of gum over specified 'chewing' times, students record the data in the data table and include graphs in their lab reports

Link to student sample:

Content Standards:

6.MS-PS1-7(MA). Conduct an experiment to show that many materials are mixtures of pure substances that can be separated by physical means into their component pure substances.

6.MS-PS1-7(MA). Use a particulate model of matter to explain that density is the amount of matter (mass) in a given volume.

DLCS standards addressed:

6-8.CT.c.5 Select and use data-collection technology (e.g., probes, handheld devices, geographic mapping systems) to individually and collaboratively gather, view, organize, analyze, and report results for content-related problems..

6-8.DTC.b.1 Communicate and publish key ideas and details individually or collaboratively in a way that informs, persuades, and/or entertains using a variety of digital tools and media-rich resources.

6-8.DTC.c.4 Create an artifact, individually and collaboratively, that answers a research question and communicates results and conclusions.