



Sweet Stats Lesson Plan Overview (ages 5 to 10 years old)



High Level Overview

Student preparation in advance of lesson:

- Print a Sweet Stats worksheet or draw worksheet
- Have a computer with virtual meeting software
- Have one fun size bag of M&Ms (or the colorful candy of your choice)
- A pencil
- A plate

Student learning objectives:

- Learn the concept of more, less, and equal while exploring how to use images and graphs to show numbers.
- Learn the word “data visualization.”

More Info

Ages 5 to 10 years old – this overview will require adjusting to the unique needs of your students. You will use the “Data Analytics” lesson and the sweet stats worksheet.

Sweet Stats

55 minutes

Welcome and introduction

5 min

Go over the terms “more,” “less,” “equal,” “most,” and “least”

5 min

Have students open bag of M&Ms and put on plate

10 min

Ask students the following questions – let them know it’s okay to guess.

- What color do you have the most of?
- What color do you have the least of?
- Do you have more green or more red candy or do you have equal numbers of green and red candy?
- Is it hard or easy to determine “more,” “less,” “equal,” “most” and “least” this way? Why?

Sweet Stats

15 min

Each student should complete and follow the steps in the [Sweet Stats video](#) (note: teacher may need to pause parts of the video)

Talk it Out

15 min

Questions you can ask:

- What color do you have the most of?
- What color do you have the least of?
- Do you have more green or more red or do you have equal numbers green and red?
- Is it hard or easy to determine “more,” “less,” “equal,” “most and “least” this way? Why?

Explain how displaying the M&Ms was “data visualization”

5 min

Q & A

5 min

Supplemental information for this lesson can be found in the [STEM@CGI at Home Activity Pack](#).