

# My life by the numbers

Students who are not “into” math often don’t feel it is relevant to their lives. By guiding students in data collection, analysis, and visualizing their findings in a presentation, students can learn how data is relevant to their lives.

**ORIGINAL IDEA BY:**

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## Objective

Encourage student curiosity in STEM field, help students to see how data is present in their lives, make a theoretical subject like math feel personal and relevant to students

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## How it works

### INSTRUCTIONS

1. Prepare a list of data sources that students can choose to collect their data from. (*Examples: Number of text messages sent, library books read, miles traveled, photos taken, songs listened to, etc.*)
2. Over the course of a week, have students collect and compile data from their life.
3. Next week, ask students to compile and share the data they find most compelling about their life.
4. Ask students to then analyze a specific aspect of their data (health, nutrition, finance, social media, etc.) in detail, and present their findings in the form of a creative, multi-media presentation.

### TOOLS NEEDED

- Optional wearable device for all students  
(*Fitness tracker like FitBit*)
- Digital device for students to view and track their data  
(*Laptop, desktop computer, etc.*)

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## Indicators of progress

Amount of data collected by students, quality of multi-media presentations