

## Lesson **Brainy Connection: Linear Equations and Life** for 5-6th

### **Family Snack-o-Meter!**

Design a magical snack machine that gives treats to **kids, parents, and grandparents** — each with their own rule!

#### **How to Do It**

1. Pick a **snack** (chips, cookies, candies,...).
2. Pick an **input for each person**:
  - Kids: chores, steps, pages read
  - Parents: hours worked, errands done
  - Grandparents: flowers watered, puzzles solved, stories told
3. Make a **linear equation** for each person.

Examples:

- Kids:  $\text{Candies} = 2 \times \text{chores} + 5$
  - Parents:  $\text{Cookies} = \text{hours} \times 2 + 3$
  - Grandparents:  $\text{Gummies} = \text{flowers} \times 3 + 1$
4. Draw your **Snack-o-Meter** showing sample inputs, outputs, and equations.
  5. Optional: add **fun, magical, or futuristic features!**

**Upload:** Photo/drawing of your machine + equations for each person.

**Be creative — silly, magical, or futuristic!**

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