

# **Math Is a Language: Do You Speak Math?**

**by Enrichment Para-Educator Teresa Benedict  
(Rose Park Elementary, Salt Lake City, Utah)**

## **Students will be designing . . .**

In these lessons, students will be designing different ways for their user to understand, think about, and enjoy math.

## **Through engaging in this challenge, students will learn...**

- To understand there are diverse types of languages and communication
- To understand that math is a language we use every day
- To develop empathy and listening skills
- To see, read, and come to understand the building of math skills in the K–4 Utah Math Core Standards
- To learn curiosity, creativity, persistence, and fun in problem solving
- To learn a different perspective and find an enjoyment of math

## **Lesson 1**

In this lesson, students will tackle the question, “Is math a language?”

## **Lesson 2**

In this lesson, students will read, analyze, and come to understand a math standard, then teach the standard to the class.

## **Lesson 3**

In this lesson, students will interview a user, create an empathy map, then craft a needs statement based on their insights. Then, students will brainstorm multiple ways to meet the user’s needs, then will fast prototype a solution to meet those needs. Finally, students will test their prototypes, receive feedback, then reflect on the design thinking process.