

Figure This!

Math Challenges for Families

Answers to Frequently Asked Questions about Figure This!

What is Figure This?

The Figure This! Mathematics Challenges for Families is a public engagement campaign centered on 80 math challenges. The challenges are designed for middle school students and their families to work on together at home. The goal is to show families the math that middle school students should be learning. The campaign also includes family resource materials.

What is a Figure This! challenge?

Figure This! challenges illustrate the excitement, energy, and problem-solving nature of math—in real-world contexts. Each challenge includes a problem, a tip to get you started, the complete solution, and an extension of the initial problem called "Try This." Furthermore, each challenge includes additional problems, things to think about, and a description of where the math is used in the real world. Families also will find some fascinating facts related to the problem and resources for further exploration. The content of the challenges supports the middle grade math detailed in the National Council of Teachers of Mathematics publication *Principles and Standards for School Mathematics*.

Are Figure This! materials available in other languages?

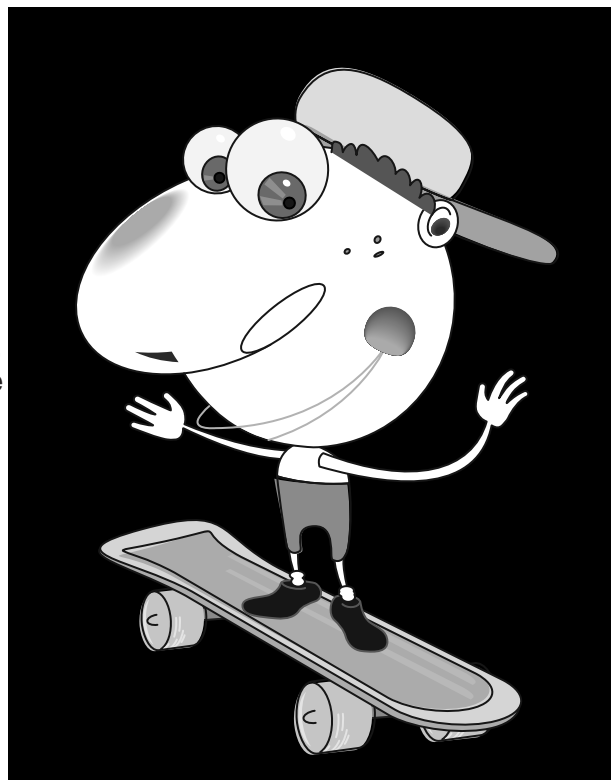
The first 16 challenges are available in English and Spanish. All family support materials are available in both English and Spanish.

What are the family support materials?

A set of five brochures has been developed in both English and Spanish. The brochures include sample questions to ask of teachers and administrators about each child's math education, helpful information about the importance of math, and suggestions to help families work with their children on math homework.

Where can I get Figure This! materials?

Figure This! challenges and family support materials are available on the Web. Families can access Figure This! by visiting www.figurethis.org. All Figure This! materials can be downloaded from the Web site as PDF files.



For family fun with middle school math visit Figure This! at www.figurethis.org.