

Figure This!

Math Challenges for Families

Welcome to *Figure This!*

Dear Colleague:

Enclosed you will find a presentation kit to help you introduce Figure This! Mathematics Challenges for Families to the families of your students.

Figure This! is a Public Outreach campaign designed to engage families of middle school students in working on mathematics together. The campaign consists of 80 math challenges, available on the Web at www.figurethis.org. They are designed for middle school students and their families to work on at home. These challenges provide examples of the rigorous mathematics that middle school students should be learning.

Figure This! invites students to enjoy mathematics in real-world contexts. Each challenge provides an interesting problem and a complete solution, along with descriptions of the math involved and its usefulness in the real world. The challenges feature tips for getting started, fun facts and ideas for further exploration, and additional problems and solutions.

The campaign also includes family support materials in both English and Spanish that can help parents and other caregivers support their children's math education.

This kit contains everything you need for making an exciting and motivating Figure This! presentation at family math nights, PTA meetings, and other civic and local events. The Overview (pages B1-2 of this kit) describes the kit contents in detail.

We encourage you to use this kit to introduce Figure This! to the families of your students.

Sincerely,

The Figure This! Partners

The National Council of Teachers of Mathematics
The National Action Council for Minorities in Engineering
Widmeyer Communications

