

Figure This!

Math Challenges for Families

Dear Parent or Guardian:

What does math mean to your child's future? Everything! And family involvement in mathematics education is an important part of student success.

You can make a difference! Studies show that when there is a high level of parent involvement in education, children are more successful in school—and in everyday life.

Figure This! challenges are an easy and enjoyable way to get involved with your child's mathematics education. Each challenge was written by mathematics teachers, then tried out with middle school families—like yours—to ensure that the mathematics is sound and the interest is high.

The 80 mathematical challenges in Figure This! illustrate mathematics in real-world contexts. Each challenge includes a problem, a tip for getting started, a complete solution, and an extension of the initial problem called "Try This." Additional problems, things to think about, and a description of where the math is used in the real world help support your explorations. You also will find some fun facts related to the problem and some resources for further investigation.

You can get Figure This! materials on the Web at www.figurethis.org.

