

## Helping Your Child Learn Mathematics: Parent Resources

1. <http://www.montgomeryschoolsmd.org/parents/>

Links to Homework Help, SAT and HSA Prep, the Math Dude and other useful resources.

2. <http://www.montgomeryschoolsmd.org/departments/hiat/websites/math.shtm>

Links to a variety of math practice websites for students

3. <http://www.todos-math.org/mc/page.do?sitePageId=48025&orgId=toma>

### **Mathematics Resources**

#### **Biblioteca Nacional de Manipuladores Virtuales**

This is the Spanish equivalent of the National Library of Virtual Manipulatives (NLVM) from Utah State University. Together they are a library of interactive, web-based virtual manipulatives or concept tutorials, mostly in the form of Java applets, for mathematics instruction (K-12 emphasis). On any page of the website, users can easily switch between English and Spanish by using a drop-down menu.

#### **Family Math**

This program, available in English and Spanish, recognizes the importance of parents in the education of their children.

#### **Figure This| Resuelvelo!**

The challenges are designed for middle school students to do at home with their families. You can download the problems in Spanish and English.

"The program is a joint project by NCTM, the National Action Council for Minorities in Engineering, and Widmeyer Communications.

#### **Four Winds Indian Books**

The Sacred Spaces Curriculum that Rich Sgarlotti and colleagues wrote for the Native American School Board Association has wonderful, culturally affirming activities, connected to NCTM and NSTA Standards, with lots of resources and recommended stories for each chapter.

#### **Lo Shu y el Cuento del Emperador Yu**

This story is part of the Lo Shu Activity written by Suzanne and Richard Alejandre and translated by Georgette Baker.

#### **Matematica Interactiva**

This is the Spanish equivalent of the Shodor Education Foundation's Project Interactivate. The goals of the site are the creation, collection, evaluation, and dissemination of interactive Java-based courseware for exploration in science and mathematics.

## Helping Your Child Learn Mathematics: Parent Resources

### **Matematica Para Todos**

*Desde El Uruguay para todo el mundo de habla hispana.*

### **Mateo and Cientina**

*The Lawrence Hall of Science has launched the new Mateo and Cientina website, [www.mateoycientina.org](http://www.mateoycientina.org), named for the main characters in an NSF-supported educational cartoon series. Through cartoons and activities, the website demonstrates how mathematics and science can be fun and educational for the whole family.*

### **Math Tools: Technology Problems of the Week (tPoWs)**

*Technology Problems of the Week (tPoWs) are freely accessible, problem-solving challenges modeled on the Math Forum @ Drexel's Problems of the Week that take advantage of interactive mathematics tools such as Java applets, TI-Nspire, The Geometer's Sketchpad, Fathom, or spreadsheets. Eleven of the current tPoWs are available in Spanish.*

### **Multicultural Math Fair**

*This site includes activities in Spanish and English for a math fair for middle school students. There are also a number of links for each of the activities.*

### **Quien Quiere Pizza?**

*A fun way to learn about fractions written by Cynthia Lanius. Also available in English.*

### **Vamos a Contar!**

*A fun, colorful set of counting activities by Cynthia Lanius. Also available in English.*

4. <http://www2.ed.gov/parents/academic/help/math/index.html>

#### **MY CHILD'S ACADEMIC SUCCESS**

##### **Helping Your Child Learn Mathematics**

With activities for children in preschool through grade 5. This booklet is made up of fun activities that parents can use with children from preschool age through grade 5 to strengthen their math skills and build strong positive attitudes toward math.

5. <http://www2.ed.gov/espanol/parents/academic/matematicas/index.html>

#### **MY CHILD'S ACADEMIC SUCCESS**

##### **Cómo ayudar a su hijo con las matemáticas**

Con actividades para los niños desde la edad preescolar hasta el 5º grado

## Helping Your Child Learn Mathematics: Parent Resources

Spanish language booklet booklet that is made up of fun activities that parents can use with children from preschool age through grade 5 to strengthen their math skills and build strong positive attitudes toward math.

6. <http://www.nctm.org/resources/families.aspx>

**Help your child learn math: Some resources are available in English, Spanish, and French.**

**[Help Your Child Succeed in Math:](#)**

You can make a big difference in your child's attitude, motivation, and math-ability.

**[Homework Help:](#)**

Key concepts to make those homework sessions more effective, and more fun! Includes additional resources to use in daily homework sessions.

**[Math Education Today:](#)**

Math is taught differently now. Here's help to get up to speed.

**[Figure This! Family Corner:](#)**

Family members are crucial to student success. And the more that adults become engaged in their children's education, the greater the chances that children will succeed.

7. [http://www.laep.org/target/parents/ts\\_parent.htm](http://www.laep.org/target/parents/ts_parent.htm)

Can parents help their teenagers with science and math? Yes!

Teenagers like to be independent. But they need adult help in making good choices. The choices teenagers make can expand or limit their future options.

Science and math skills are important for building a foundation for the future.

Support at home helps teens in their journey to adulthood. Here are ten ways to help your teen learn science and math.