

FREE MATH RESOURCES FOR HOMESCHOOLERS

themadmommy.com

All BOLD resources are clickable. If you print this, use Google to find the same resources. We made a math glossary notebook to help with general terms and operations, using this **cheat sheet** as a rough guide.

MATH FACTS

- **XtraMath**
- **Fact Family Booklets by Level**
- **Math Drill Worksheets**

MATH BY TOPIC AND GRADE

- **HippoCampus:** Arithmetic, Algebra, Geometry, Calculus, Statistics
- **CK12:** K-8, Algebra, Geometry
- **Math Academy:** Hands-on and fun learning activities for grades 4-8, created by teachers
- **Flipped Math:** Algebra I and II (regular way and Common Core way), Geometry, Pre-Calc, AP Calculus
- **The Mint:** Financial Literacy for kids | for teens | for parents
- **FreeMath:** Grades K-5, old school site but extensive.
- **PurpleMath:** Algebra
- **No-Nonsense Algebra**

FREE MATH GAMES

- **Math Playground:** Interactive, fun math games and puzzles for grades K-6.
- **CoolMath for Kids:** Interactive math games for Grades K-6.
- **CoolMath:** Interactive games for grades 7-12.
- **Yummy Math:** Fun, real world math activities for K-12.
- **FunBrain:** Interactive math games for Grades K-8.
- **Everyday Math:** Games by Grade and Unit.
- **Education.com:** K-5 games (and worksheets, and lessons)
- **Prodigy:** Easily motivate kids to learn and practice math, Grades 1-8.
- **Calculation Nation:** Games for Grades 5-8
- **Toy Theater:** Math games for Grades K-3
- **HoodaMath:** Games for Grades K-12, scroll down to choose games by grade level.
- **Learn With Math:** Math games and printable games for grades Pre-K to 9.

FREE FULL MATH CURRICULUM

Khan Academy

Khan Academy offers a “free, world-class education to anyone, anywhere”.

Khan K-8 Math Curriculum

Everyday Mathematics

Everyday Mathematics by the University of Chicago is for Grades K through 6.

Zearn Math

Zearn Math teaches math curriculum through videos and interactive lessons. They also offer practice problems from Grades K-5.

School Yourself

School Yourself is for grades K-12 and offers free math lessons, with personalized lessons and assessments, all for free.

Plain and Not So Plain

Plain and Not So Plain... where do I start? This woman not only has ten children she homeschools, she also designed a complete curriculum – FOR FREE – for grades 1 through 9. The curriculum is thorough and each lesson is right there on her blog so you don't have to click around a million times. She is very open about her religion, so if you are secular you may want to avoid some of it, but I think everyone should check her website out. I'm in awe of it, and her!

Moby Max

Moby Max is what many of the schools use for supplemental math. Some even use it to cover the majority of their curriculum. It's free, but a paid

subscription offers extra features. I've always used the free version with plenty of success. My girls all love Moby Max and ask to “play” on it frequently.

Easy Peasy all in one homeschool

- **Elementary All in One**
- **Middle School All in One**
- **High School All in One**

Match Fishtank

Match Charter Public School is a high-performing charter public school serving students in grades Pre-K through 12 in Boston. They offer free “college-ready curriculum that is flexible and culturally relevant”.

3rd grade through Algebra II

Conceptua Math

The **curriculum library** is for grades K through 5. They cover everything from counting and number sequencing to understanding and multiplying equivalent fractions (and more).

Under the Home

Under the Home is a Charlotte Mason inspired K-4 homeschool curriculum. It's a very old school site, using Ray's Arithmetic as their base for Math. It's not the type of curriculum my daughter and I can really get into (we need something more engaging/interactive), but if you're a fan of the Charlotte Mason style homeschooling, you may enjoy it.

Buffalo State

Comprehensive School Mathematics Program, or CSMP, provided by Buffalo State. CSMP copyright is 1995, so some text may be a bit outdated but math is math, right? 😊

- **CSMP** for Primary Grades
- **CSMP** for Intermediate

SINGAPORE MATH HOMESCHOOLING RESOURCES

Singapore Math is known as the math that's “raising the bar”. There are pros and cons to the Singapore Math method, but I'm a fan. I wish I had started my kids on this method from a young age! Have your child take a free placement test before choosing your Singapore Math curriculum.

Since the 1980s, schools in Singapore have taken an innovative approach to teaching elementary math – a

curriculum that focuses on problem solving with pictures and diagrams.

6 REASONS SINGAPORE MATH MIGHT BE BETTER

Difference between Singapore Math and Common Core Math: Common Core is an all-encompassing set of American educational standards, Singapore method is a problem-solving system taught traditionally to students in Singapore (and sometimes in American classrooms).

- **Singapore Math:** Workbooks for Grades 1 through 6.
- **Singapore Math:** Worksheets for Grades 1 through 6.
- **Free Singapore Math:** Lessons for Grades 1 through 6
- **Singapore Math Resources** from The Good Goat Momma

OTHER FREE MATH RESOURCES FOR HOMESCHOOLERS

- **Math Challenges** – not grouped by grade or age
- **Watch Know Learn** – real world math lessons
- **Real World Math** – free math activities using Google Earth
- **Math Apprentice** – math for careers
- **Dad's Worksheets** – dozens of math topics, thousands of worksheets
- **Secret Spy Codes** – the only kind of “math” I like!