

**Virtual Title I**  
**Math Workshop**  
**12/2020**

**Click link below to hear greeting!**

**<https://live.myvrspot.com/iframe?v=fZjQ2OTBjZTk2YTBkYTMyMWlONjNlZDYxNzRiMDU5ZDE>**

**Math & Technology**

**Parents will be aware of resources & ideas to support their child's academic growth in the area of mathematics.**

WELCOME



# GAMES

*Everyday Mathematics* games are an integral part of the program. They provide an enjoyable way to practice, master basic important math skills, promote computational fluency & help your child develop the ability to think critically and solve problems.



Computational fluency, is the ability to quickly and accurately recall the answer to basic math facts. This is typically the result of repeated practice that results in the fact being committed to long-term memory, allowing it to be instantaneously recalled. *To be considered fluent, students should no longer need to rely on strategies such as counting on their fingers or drawing models to compute.*

# Assisting Your Child

We encourage you to take an active role in your child's mathematics experiences by playing math games with your child whenever you can.



Many games you may already have at home or on line involve mathematical thinking. Students develop their skills almost effortlessly when they play games.



Crazy Eights  
Family Card Game



# Games to Play with a Deck of Cards



[https://docs.google.com/file/d/0B\\_wlnPzXZBUZRk0yNXFBd3dqTDg/edit](https://docs.google.com/file/d/0B_wlnPzXZBUZRk0yNXFBd3dqTDg/edit)

The next few slides offer a variety of free games and activities that will support your child's math fact fluency development & math aptitude.

- [Math Facts Pro](#) – the Lite Version is Free (but doesn't track data)
- [Math Magician](#) – offers fact practice with single & mixed operations
- [Splash Learn Math Facts](#) – select the number of questions and timed vs. untimed

# Addition Fact Practice

- Alien Addition –  
[Arcademics.com](https://www.arcademics.com)
- Jet Ski Addition –  
[Arcademics.com](https://www.arcademics.com)
- Skateboard Sums –  
[Mathplayground.com](https://www.mathplayground.com)
- Cannon Ball Addition –  
[Multiplication.com](https://www.multiplication.com)
- Going Nuts Addition –  
[Multiplication.com](https://www.multiplication.com)
- Addition Bubble Pop –  
[Hoodamath.com](https://www.hoodamath.com)
- Dress Up Math –  
[Hoodamath.com](https://www.hoodamath.com)
- Addition Bingo –



# Subtraction Fact Practice

- Minus Mission –  
[Mathplayground.com](http://Mathplayground.com)
- Models Subtraction –  
[Multiplication.com](http://Multiplication.com)
- Hidden Picture –  
[Aplusmath.com](http://Aplusmath.com)
- Math Memory –  
[Aplusmath.com](http://Aplusmath.com)
- Fish Bowling Subtraction –  
[LearnAlberta.ca](http://LearnAlberta.ca)
- Soccer Subtraction –  
[Multiplication.com](http://Multiplication.com)
- Cave Run Subtraction –  
[Multiplication.com](http://Multiplication.com)
- Pirates Subtraction –  
[Multiplication.com](http://Multiplication.com)

# Multiplication Fact Practice

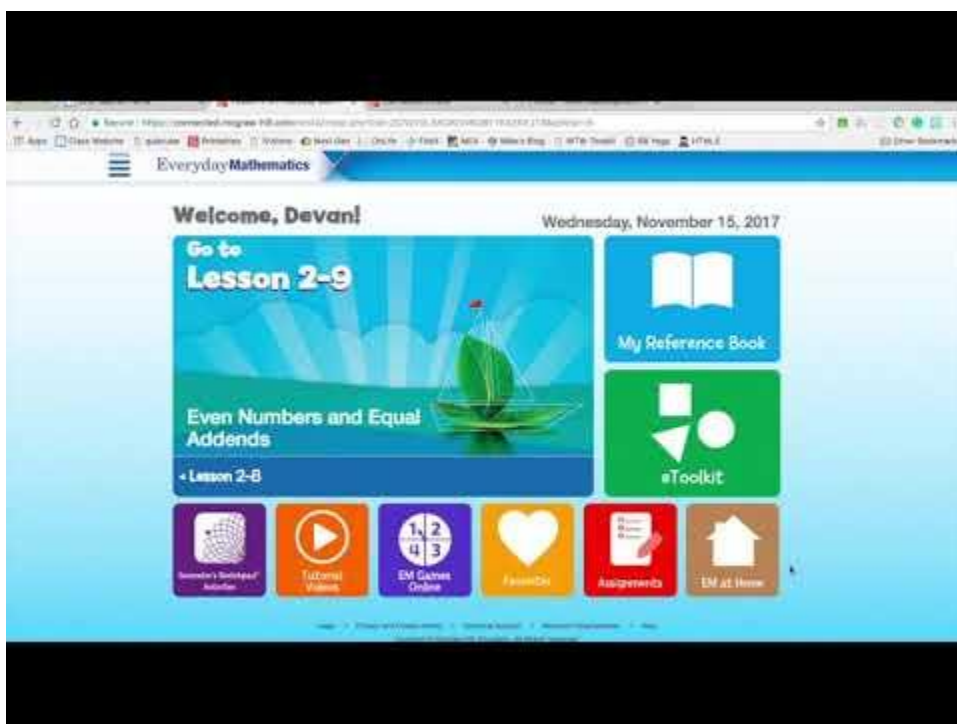
- Multiplication Zombies –  
[MrNussbaum.com](http://MrNussbaum.com)
- Space Race –  
[Mathplayground.com](http://Mathplayground.com)
- Car Rush – [Multiplication.com](http://Multiplication.com)
- Baseball Pro –  
[Multiplication.com](http://Multiplication.com)
- Rooftop Ride  
–[Multiplication.com](http://Multiplication.com)
- Clear It Multiplication  
-[ABCya.com](http://ABCya.com)
- Mummy Marathon –  
[Fun4theBrain.com](http://Fun4theBrain.com)
- Happy Burgers –  
[TimesTables.com](http://TimesTables.com)
- Number Munchers

# Division Fact Practice

- Division Derby  
-Mathplayground.com
- Penalty Kicks Division –  
Multiplication.com
- Fruit Splat Division
- Granny Prix-  
Multiplication.com
- Demolition Division –  
Arcademics.com
- Cube Dash Division –  
Multiplication.com
- Drag Race Division –  
Arcademics
- Who Wants to be a  
Millionaire?

# Everyday Math Online

Everyday Mathematics Online provides many useful resources for students and parents, including games and an interactive reference book to help with assignments. To use it, you'll need to know your username and password, which you can get from your teacher if your school has subscribed.



DreamBox Learning Math is an adaptive, online K-8 math program designed to complement classroom instruction and deliver results.

- Meet students where they are
- Make math relevant
- Close math gaps
- Empower educators

DreamBox at Home

What is  
DreamBox Math?





XtraMath is a free web-based program that helps students master basic addition, subtraction, multiplication, and division facts. Students learn to recall them quickly and accurately and can then use these math facts as a basis on which to build more complex problem-solving skills. Click the link below to learn more.

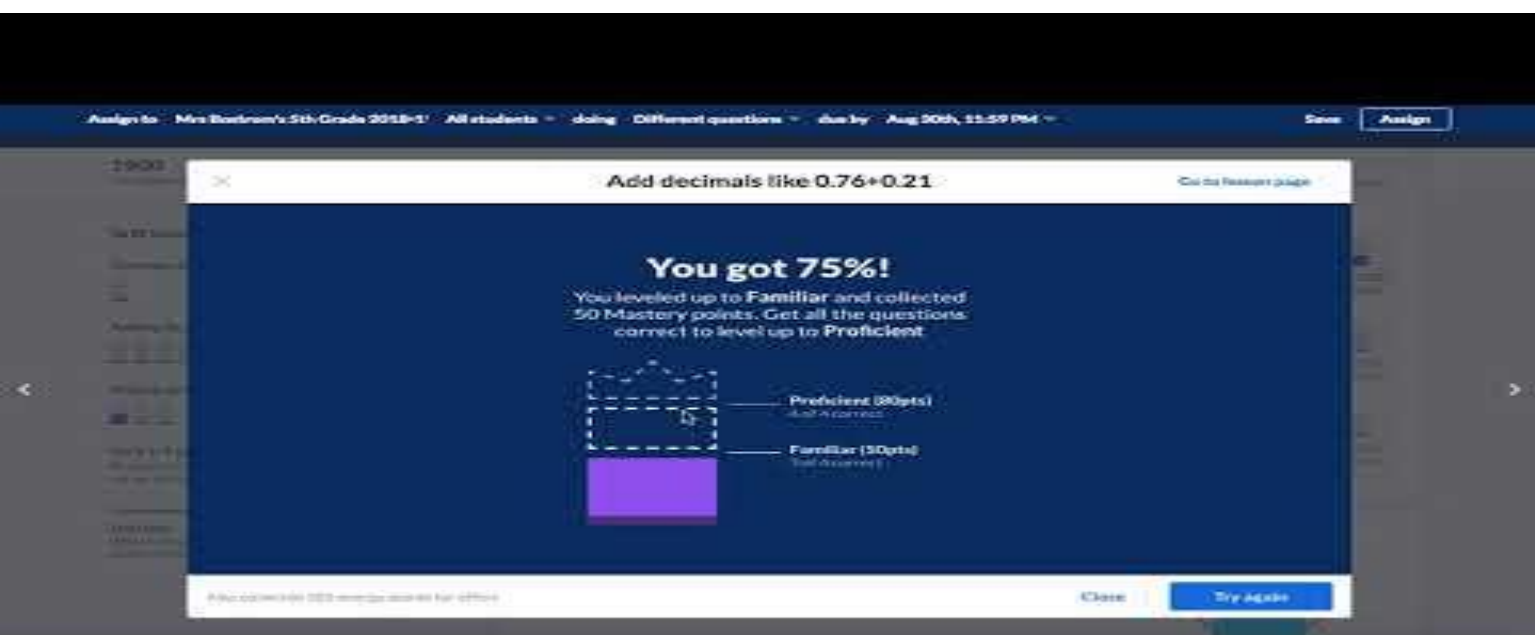
<https://xtramath.org/#/home/index>

# Khan Academy

Parents will learn how Khan Academy can help support grade specific content and skills at home.

A world class education for anyone, anywhere. 100% free!

Join Khan Academy to get personalized help with what you're studying or to learn something completely new.



The screenshot shows a quiz result interface. At the top, it says "Add decimals like  $0.76+0.21$ ". Below that, a large blue box contains the text "You got 75!". Underneath, it says "You leveled up to Familiar and collected 50 Mastery points. Get all the questions correct to level up to Proficient." A progress bar is shown with a purple segment representing the current level. To the right of the bar, two levels are listed: "Proficient (80pts) (All correct)" and "Familiar (50pts) (All correct)". At the bottom right, there is a "Try again" button. The background shows a blurred sidebar with navigation options like "Home", "My progress", and "Settings".

# Assisting Your Child

How can I help my child?

Here are just a few suggestions for how you can learn about the mathematics your child is studying in school, and how you can help reinforce their math learning at home.

- A Home Link assignment is included with almost every lesson in the program.
- Encourage your child to teach you the math games he or she is learning in school.
- Practice math facts on a daily basis.
- Whenever you find yourself using math in your daily lives point out this fact and discuss math's usefulness in real-life situations.
- Encourage your child to experiment with and use everyday "math tools" like rulers, tape measures, measuring cups and spoons, clocks, and calculators.



Please don't hesitate to contact me  
if you have any questions!

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# References

<https://www.mathcoachscorner.com/>

<https://www.dreambox.com/>

<https://www.khanacademy.org/>

<https://everydaymath.uchicago.edu/>

<https://xtramath.org/#/home/index>