



QR CODES and WEBSITE LINKS

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Digital Tools and Resources

Interactive / Virtual Materi

Click each icon to view

- Classroom Resources
- Problem Solving
- Number Fluency
- NZ Units of work
- Digital Tools**
- Videos >

MathsBot.com

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Mathematical Demonstrations

Welcome to interactive mathematics teaching resources section. Below are the current set of activities with a brief description, click a launch button to start one.

Once launched you can access further information by clicking the info icon which is located in the top menu bar. Most activities also have video instructions, click the video icon if present to view.

Visnos.com – Free virtual manipulates for schools, ideal for interactive whiteboard

PHOENIX COLLEGE
GO FAR, CLOSE TO HOME.

Didax

TOY THEATER
LEARN • CREATE • PLAY

MATH

The MATH LEARNING CENTER

Polypad

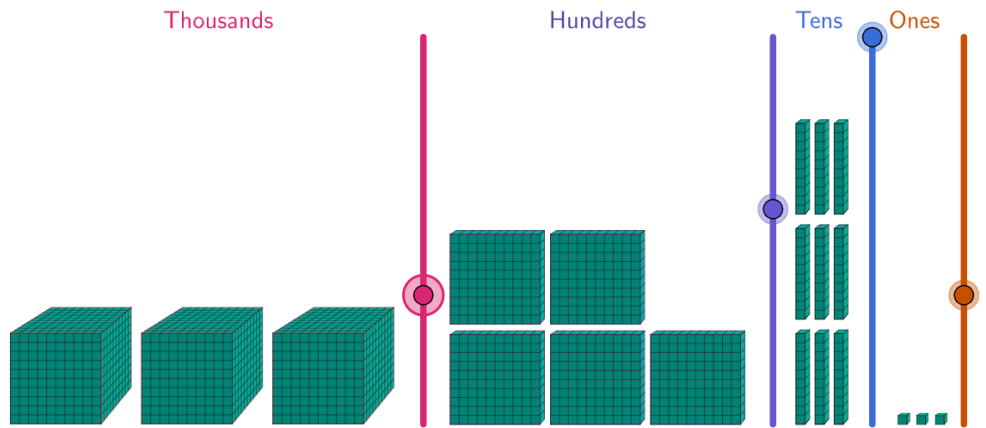
GeoGebra



GeoGebra

Build the number 3593 by dragging the sliders.

$$3000 + 500 + 90 + 3 = 3593$$



✓ Correct

TRY ANOTHER



Didax



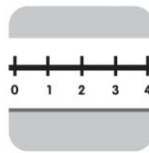
Unifix Cubes



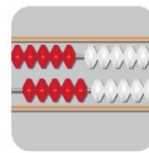
Ten-Frames, 1-20



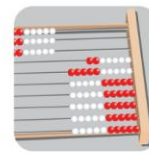
Ten-Frames, 1-100



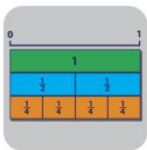
Number Lines



20-Bead Rekenrek



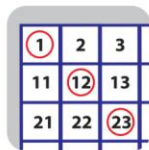
100-Bead Rekenrek



Fraction Tiles & Number Line



Two-Color Counters



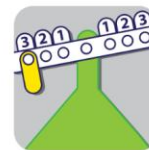
120 Number Board



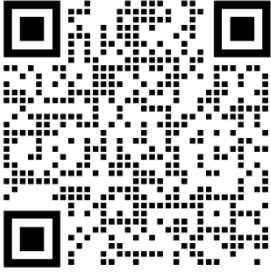
Color Tiles



Base Ten Blocks



Math Balance



 Playing Cards	 Number Line	 Dice	 Place Value Chart	 Place Value Move	 Place Value Mat	 Place Value Cards	
 Number Chart 1 to 60	 Number Chart 1 to 50	 Number Chart 1 to 40	 Number Chart 1 to 30	 Number Chart 1 to 20	 Algebra Tiles	 Base Ten Blocks	
 Number Chart 1 to 10	 Linking Squares	 Two Color Counter Whiteboard	 Two Color Counter Numbers	 Two Color Counter Ten Frame	 Number Frames	 Tally	 Abacus



Number Frames

Represent numbers by placing counters inside of five-, ten-, double ten-, and custom frames.

[Learn more](#)

[Open web app](#) [iOS app](#)

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Number Line

Visualize and work with numbers in sequence on a virtual number line with or without tick marks.

[Learn more](#)

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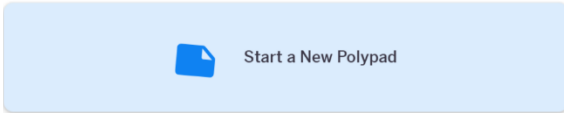
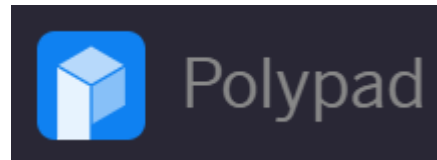
Number Pieces

Use virtual base ten pieces to represent and work with multi-digit numbers.

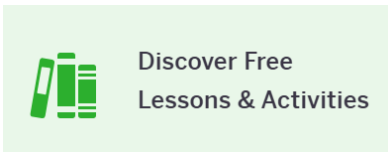
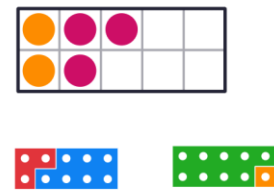
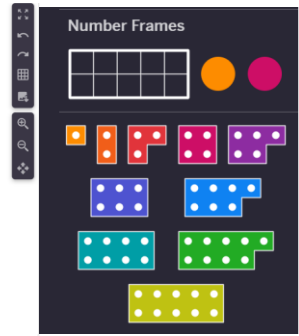
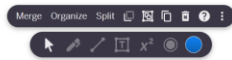
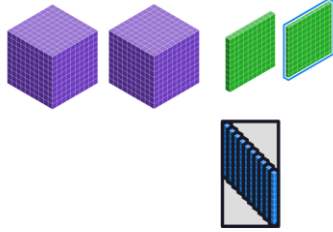
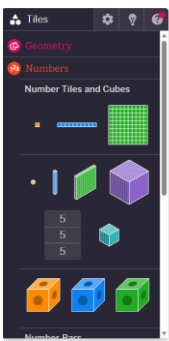
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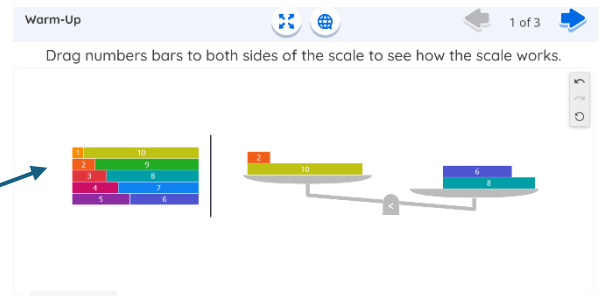


- From scratch



- Pre-made templates to choose from

- What Sum Do You See?**
By Desmos Classroom
Students add numbers shown on dice while leveraging their fluency with one-digit facts and their understanding of decomposition of numbers.
- Making 1-10 With Dice**
By Desmos Classroom
Students use addition and subtraction to create true math equations from numbers rolled on dice.
- Using Number Bars to Balance the Scale**
By Desmos Classroom
Students add within 50 while leveraging their fluency with one-digit facts and their understanding of decomposition of numbers. This activity is designed for 1st grade students.
- Which One Doesn't Belong?**
By Desmos Classroom
The "Which One Doesn't Belong" math routine invites students to look at 4 mathematical representations and explore the question of "Which one doesn't belong and why?" Students are encouraged to find a meaningful





Login

Register

Try for free

20 Card Dash



- Times Tables
- Multiplicative Thinking
- Number Fluency

Play

Learn

Recent

Algebra See Saw



- Factors & Multiples
- Algebra
- Multiplicative Thinking

Play

Learn

Recent

Daily

Castle Defence



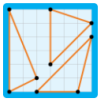
- Estimation
- Multiplicative Thinking
- Subitising

Play

Learn

Recent

Dots and Triangles



- Area
- Geometry
- Triangle properties

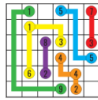
Play

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Recent

Daily

Fried Circuits



- Friends of 10
- Fractions
- Problem Solving

Play

Learn

Recent

Daily

Genius Quest



- Literacy
- Numeracy
- Problem Solving

Play

Learn

Recent

Know Your Place



- Number Skills
- Place Value
- Logic

Play

Learn

Recent

Daily

Mahtzee



- Algebraic Thinking
- Logic
- Number Skills

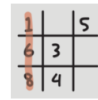
Play

Learn

Recent

Daily

Mathematic-Tac-Toe



- Algebraic Thinking
- Addition
- Logic

Play

Learn

Recent



MathsStarters

A great start to your maths lesson.

Quick Quiz

10 Quick Questions.
Lots of topics.

New Measurement and geometry
- Angles

New Algebra - Cartesian Plane

Number of the day

10 Questions for today's
number.

Teacher versions:
Regular • Junior
Student versions:
Interactive • for Stage 1

Bingo

Maths bingo, lots of topics.

Dice

All sorts of dice for the
big screen.

Place value dice and

Random

Automatic simple random
number generator

The Numbers Game

The Numbers Game from
'Letters and Numbers'



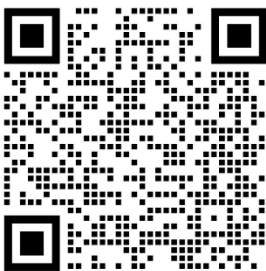
MY PUZZLES

- ALL TEN**
Make each target from 1 to 10.
4 1 day
- HONEYCOMBS**
Fill each honeycomb to form a connected path.
1 day
- SCURRY**
Place bugs to fill every target square.
- FOLDS**
Reflect triangles to match the target pattern.

MAY 25

1 2 3 4 5 6 7
8 9 10 11 12 13 14

UNDO NEXT PUZZLE



Etsi-Mystery various



Steve Wyborney

- Clue #1**
The answer is greater than 20.
- Clue #2**
The answer is less than 41.
- Clue #3**
The answer is part of this pattern:
22, 24, 26 ...
- Clue #4**
The answer does not include
the digit 3.
- Clue #5**
The answer is not 24, 26, or 28.



1, 2, 3, 4 Win Them All

Concepts covered: Counting, numeral recognition

Equipment: Deck of cards

Good questions to ask while playing: "Can you read that number?"; "Can you count the ___ on your card to check?"

Shout-out to Paul Swan for teaching me this game.



3 Guesses

Concepts covered: Variety of concepts (e.g. even/odd, square numbers, prime numbers, greater than/less than etc.)

Equipment: deck of cards, paper and pens

Good questions to ask while playing: "Why did you choose to make ___ as your number?"; "What other clues could you have given for that number?";

Shout-out to Nash for creating this game.



MATHSTHROUGHSTORIES.ORG

