

Digital MathResources

Videos & Visuals

*[Estimation 180](#) - resources based on 3-Act math)

*[Flocabulary](#) - educational hip-hop videos

*[BrainPOP](#) - educational animation and games (geared towards elementary)

*[Math Snacks](#) - videos paired with games

[Data Gif Maker](#) -

[BrainPOP Jr.](#) - educational animation and games (geared towards early elementary)

*[Khan Academy](#) - lesson walkthroughs

[TedEd](#) - math problems and inspiration

[Crash Course](#) - mostly science, but it includes economics and other advanced instruction

[Visual Patterns](#) - videos and images to incorporate daily estimation that build number sense skills.

[Problem Based-Learning Curriculum Maps](#) - 200 visual patterns from pre-school to college

[YouCubed](#) - organization out of Stanford University that applies growth mindset and conceptual learning to math

[Number Rock](#)-- educational math hip hop and rock videos

Web Tools & Games

*[Desmos](#) - 3 act math geared lessons

*[Math Learning Center](#) - visual modeling apps

[Thinking Blocks](#) - visual modeling apps

*[Sheppard Software](#) - simple learning games geared mostly towards early learners

*[Greg Tang Math](#) - math games

*[Prodigy](#) -Final Fantasy-like adventure game that involves math

[Kids Math Games](#)

[Filament Games](#) - a collection of games across subject areas

[Matific](#) - pay site (\$10 and up) with a free trial

[Get the Math](#) - see and play with algebra in the real world

[XtraMath](#) - practice arithmetic

[IXL](#) - review a variety of math skills

[Starfall Math](#) - early childhood math games

[ABCya](#) - early childhood math games

[Math is Fun](#)

[Quadrant Defender](#) - graphing math game

Notebook Tools ([tutorial](#))

Interactives (dice adding, fraction shapes, number lines, etc.)

[SMART Lab](#) - game-based learning creation tool

[Activity Builder](#) - create your own interactive tools

[Geogebra](#) - geometry package providing for both graphical and algebraic input.

[Equation Writer](#) - add equations to a lessons easily

iOS Apps

Visual Modeling

*[Math Learning Center](#) (10 free apps) - visual modeling apps

*[Thinking Blocks](#) (4 free apps) - visual modeling apps

[OhNo Fractions](#) (Free)

Numerical Understanding Games

[DragonBox Math](#) (5 app, \$4.99 - \$7.99) - games ranging from number sense to algebra and geometry that are so fun, it's hard for students to realize they're learning

[MotionMath Games](#) (9 apps, \$2.99 - \$5.99 or subscription-free pilot) - fun games on numbers, arithmetic, word problems, fractions, number lines, and more

[MathSnacks](#) (3 Apps, Free - \$2.99) - ratios, fractions, and number line games & videos

[Teachley](#) (4 apps, Free - \$4.99) - arithmetic animal adventures

[Prodigy](#) - Final Fantasy-like adventure game that involves math

[Slice Fractions](#) (\$5.49) - kids slice through ice and lava to clear the mammoth's path

[Pick a Path](#) -

[Divide by Sheep](#) (\$2.99) - a funny and somewhat dark math puzzle game

Early Childhood

[Team Umizoomi Math: Zoom into Numbers](#) (\$4.99) - several games that teach basic math concepts

*[Starfall Numbers](#) (\$4.99) - visuals and games that cover basic counting (up to 100), geometry, money, and more

[Greater Gator](#) (\$.99) - number comparison game

[Endless 123](#) - learn number recognition, sequences, quantity, numerical patterns, and simple addition

[Montessori Intro to Math](#) (\$4.99) - read, write and understand numbers from 0 to 9, through a series of interactive, guided and challenging activities

[Montessori Counting Board](#) (\$.99) - a basic board for counting

[Montessori Geometry](#) (\$3.99) - recognize and learn shapes

[Elmo Loves 123s](#) - (\$4.99) - counting, videos, puzzles, and games

[Little Digits](#) (\$2.99) - count using the number of fingers you place on the screen

[Todo Telling Time](#) (\$4.99) - clocks and 6 mini games for time and date

[Jungle Time](#) (\$2.99) - learn time with animal face clocks

[Shapes Toddler Preschool](#) - basic shape review and games

Skill Practice

[SplashMath](#) - practice grade level math skills and earn rewards

[MathBoard](#) - arithmetic practice

[XtraMath](#) - arithmetic practice

[Math Zombies](#) (\$4.99) - destroy zombies with math facts

[Quick Math](#) (4 apps, \$1.99)

[Measure This](#)

[Counting Money](#) - different money skill exercises

[Counting Bills and Coins](#) - count, match, and make change with coins and bills

[Pizza Fractions 1](#)

Math Tools

[Mathway](#) - problem solver app

[PCalc Lite](#)

[MyScript Calculator](#) - solve written equations

[Free Graphing Calculator](#)

[Mathspace](#) (subscription, \$7.99) - digital textbooks

[Math Ref](#) (\$2.99)

Digital Management Resources			
Gradebooks	Student Response Systems	LMS	Behavior
LearnBoost (free)	Nearpod	Google Classroom (free)	Class Dojo - find more resources
JumpRope	ClassFlow - good for differentiation	Edmodo	Classcraft - find more resources
ThinkWave	Notebook SMART Lab	Sharp Class - (free) attendance, grades, polling, behavior	GoNoodle - brain breaks

	Mentimeter	Engrade	Bouncy Balls - (free)
	Google Forms (free)	Showbie	Calm Counter - (free)
	GoSoapBox - quizzes, polls, & discussions	Collaborize Classroom	Calm.com - (free)
	Quizizz	Haiku Learning	
	Kahoot	Moodle	
	Survey Monkey	Teacher Kit App	
	Poll Everywhere	NoteBookCast - multi-user whiteboard	
	Socrative	Rezzly -Quest based system	
	Todays Meet - a room for discussions	Schoolology	
	Picklers - printable answer cards	CanvasLMS	
	ClassPager	Blackboard	

Digital Management Resources		
Display Systems	Content	Extra Tools
SMART Notebook , Learning Suite Online & SMART Express	BrainPOP (webinars) - blog	Timers - e.ggtimer , Online Stopwatch

Classflow	Flocabulary (sign up) - blog	Charts - LiveGap , easl.ly
Classkick	Discovery Education - blog	Differentiation - Blooming Apps , Differentiator
Educreations	TED Ed (educational videos)	Randomizer - Random.org
Explain Everything	Khan Academy (instructional videos)	Differentiation - Blooming Apps , Differentiator
Prez	PBS Learning Media (educational videos & content)	Lesson Notes - Evernote , Pinterest
Sway	Code.org (coding instruction)	Contact parents - Remind
	Common Sense Education (find educational technology sites & apps)	File Storage - Dropbox , OneDrive , Google Drive , iCloud
	Nearpod (share displays & presentations)	Group Planning - Sign Up Genius , Time Bridge , Which Date Works
		QR Code - QR Code Generator