

# math videos for kindergarten

**math videos for kindergarten** serve as an essential educational tool to introduce young learners to fundamental math concepts in an engaging and interactive manner. These videos are designed to capture the attention of kindergarten students while delivering age-appropriate mathematical content such as counting, shapes, patterns, and basic addition and subtraction. Utilizing visual and auditory stimuli, math videos for kindergarten help reinforce number recognition and develop early problem-solving skills. They often incorporate colorful animations, catchy songs, and relatable scenarios that make math enjoyable and accessible for young children. This article explores the benefits of using math videos for kindergarten, highlights effective video content types, and offers guidance on selecting the best resources for early math education. It also discusses strategies for integrating these videos into classroom and home learning environments to maximize their educational impact.

- Benefits of Math Videos for Kindergarten
- Types of Math Videos for Kindergarten
- Criteria for Selecting Quality Math Videos
- Incorporating Math Videos into Learning Routines
- Popular Platforms and Resources for Math Videos

## Benefits of Math Videos for Kindergarten

Math videos for kindergarten provide numerous educational advantages that support early childhood development. These videos engage multiple senses, combining visual aids with auditory explanations to cater to different learning styles. The dynamic nature of videos helps maintain the attention span of young children, making abstract math concepts more tangible and easier to comprehend. Additionally, math videos encourage repetition and practice without monotony, which is crucial for mastering foundational skills such as counting and number recognition.

## Enhancing Engagement and Motivation

Kindergarten students often have limited attention spans, and math videos effectively use bright colors, lively music, and animated characters to sustain interest. This engaging format motivates children to participate actively in learning activities and fosters a positive attitude toward

mathematics early on.

## **Improving Concept Retention**

Through repetition and visual reinforcement, math videos help solidify concepts in young learners' memories. Concepts like shape identification, sequencing, and simple addition become more memorable when paired with catchy tunes and interactive storytelling.

## **Supporting Diverse Learning Styles**

Math videos accommodate auditory, visual, and kinesthetic learners by combining spoken instructions, visual cues, and sometimes encouraging physical movement or interactive participation, making math accessible to a broad range of children.

## **Types of Math Videos for Kindergarten**

Various types of math videos cater to different aspects of early math education. Selecting the right type of video depends on the specific learning objectives and the interests of the students. Below are common categories of math videos used in kindergarten settings.

### **Counting and Number Recognition Videos**

These videos focus on teaching children how to count objects, recognize numerals, and understand the sequence of numbers. They often use everyday items, animals, or characters to make counting relatable and fun.

### **Shape and Pattern Videos**

Videos in this category introduce basic geometric shapes and patterns, helping children identify and differentiate between circles, squares, triangles, and more complex shapes. Pattern recognition videos enhance logical thinking and sequencing skills.

### **Basic Addition and Subtraction Videos**

These videos present simple arithmetic problems using visual aids and storytelling to explain the concepts of adding and subtracting small quantities. They often employ manipulatives like fruits, toys, or animated characters to illustrate operations.

## **Measurement and Comparison Videos**

Measurement videos teach concepts such as length, weight, and volume in an age-appropriate manner. Comparison videos help children understand greater than, less than, and equal to, often through engaging narratives or interactive challenges.

## **Criteria for Selecting Quality Math Videos**

Choosing high-quality math videos for kindergarten ensures that educational goals are met effectively while maintaining children's interest. The following criteria are essential when evaluating potential videos.

### **Age Appropriateness**

Videos must be tailored to the cognitive and developmental level of kindergarten students, using simple language, clear visuals, and concepts suitable for early learners.

### **Educational Content Accuracy**

Accuracy in mathematical content is critical. Videos should be developed or reviewed by educational professionals to ensure that the information is correct and aligns with early childhood math standards.

### **Engagement and Interactivity**

The best math videos encourage active participation through questions, sing-alongs, or prompts for movement, which enhance learning retention and make the experience enjoyable.

### **Visual and Audio Quality**

Clear visuals, bright colors, and high-quality audio contribute to a positive viewing experience, minimizing distractions and facilitating comprehension.

### **Length and Pacing**

Videos should be short enough to maintain attention but long enough to cover the topic comprehensively, typically ranging from 3 to 10 minutes for kindergarten learners.

# **Incorporating Math Videos into Learning Routines**

Integrating math videos for kindergarten into daily learning routines can enhance traditional teaching methods and support independent learning. Strategic use of videos maximizes their educational benefits.

## **Classroom Integration**

Teachers can use math videos as introductory tools, supplements to hands-on activities, or review sessions. Videos serve as visual aids during lessons or as rewards that reinforce learned concepts.

## **Home Learning Support**

Parents can incorporate math videos into daily routines to reinforce school learning or introduce new concepts in a low-pressure environment. Scheduling regular video sessions can help establish consistency.

## **Combining Videos with Interactive Activities**

To deepen understanding, videos should be followed by related activities such as counting games, drawing shapes, or simple math puzzles. This combination supports active learning and concept application.

## **Monitoring and Assessment**

Educators and parents should observe children's responses to math videos and assess comprehension through questions or practical exercises, adjusting video selection accordingly.

## **Popular Platforms and Resources for Math Videos**

A variety of platforms and resources offer curated math videos designed specifically for kindergarten learners. These sources provide safe, educational, and child-friendly content.

- Dedicated educational websites offering free or subscription-based math videos.
- Video streaming platforms with channels specializing in early childhood math education.

- Apps designed for interactive math learning featuring video components.
- Public broadcasting services producing high-quality educational content for young children.

Utilizing these resources allows educators and parents to access a wide range of math videos for kindergarten, ensuring diverse and comprehensive coverage of essential math skills.

## **Frequently Asked Questions**

### **What are the benefits of using math videos for kindergarten students?**

Math videos for kindergarten help engage young learners, making abstract concepts easier to understand through visual and auditory means. They can improve retention, foster a love for math, and support diverse learning styles.

### **What topics should math videos for kindergarten cover?**

Math videos for kindergarten should cover basic topics such as counting, number recognition, simple addition and subtraction, shapes, patterns, sorting, and measurement concepts.

### **How long should a math video for kindergarten be?**

Math videos for kindergarten should ideally be between 3 to 7 minutes long to maintain the attention span of young children and ensure the content is concise and engaging.

### **Are there interactive math videos suitable for kindergarten?**

Yes, many educational platforms offer interactive math videos where children can participate through prompts, quizzes, or games embedded within the video to enhance learning and engagement.

### **Where can I find quality math videos for kindergarten?**

Quality math videos for kindergarten can be found on platforms like YouTube Kids, Khan Academy Kids, PBS Kids, and educational websites such as ABCmouse.

and Scholastic.

## **How can parents use math videos effectively for kindergarten learning?**

Parents can use math videos as a supplementary tool by watching together with their child, pausing to discuss concepts, encouraging hands-on activities related to the video, and reinforcing learned skills through practice.

## **Do math videos for kindergarten support different learning styles?**

Yes, math videos often incorporate visual aids, animations, music, and storytelling, which cater to visual, auditory, and kinesthetic learners, making math concepts accessible to diverse learners.

## **Can math videos help kindergarteners who struggle with math concepts?**

Absolutely, math videos can provide repeated exposure to concepts in a fun and low-pressure environment, helping children who struggle by offering alternative explanations and engaging presentation styles.

## **What features make a math video suitable for kindergarten children?**

A suitable math video for kindergarten should have simple language, colorful visuals, engaging animations, clear explanations, positive reinforcement, and an appropriate pace that matches young learners' comprehension abilities.

## **Additional Resources**

### *1. Counting Fun with Friends*

This book introduces young learners to basic counting through engaging stories and colorful illustrations. It pairs perfectly with math videos that use songs and interactive games to reinforce number recognition. Children will enjoy counting animals, toys, and everyday objects as they build a strong foundation in numbers.

### *2. Shapes All Around Us*

Explore the world of shapes with this delightful book designed for kindergarteners. It highlights circles, squares, triangles, and more, helping kids identify shapes in their environment. Complemented by videos featuring hands-on activities, this book encourages children to recognize and name shapes confidently.

### *3. Simple Addition Adventures*

Introduce addition with easy-to-understand stories and visual examples in this beginner-friendly book. It breaks down addition into fun, relatable scenarios that kindergarteners can grasp quickly. When used alongside math videos demonstrating counting and adding objects, children can practice and master basic addition skills.

#### *4. Patterns Everywhere*

This book teaches young learners to recognize and create patterns using colors, shapes, and objects. It encourages observation and critical thinking, essential skills for math readiness. Videos that showcase pattern games and activities make the learning experience interactive and enjoyable.

#### *5. Measuring with My Hands*

A perfect introduction to measurement concepts, this book uses everyday items and body parts to explain length, height, and size. It helps kids understand measurement in a tangible way before moving on to rulers and standard units. Paired with videos demonstrating simple measuring tasks, it builds practical math skills.

#### *6. Number Bonds and Friends*

This book focuses on number bonds to help children see how numbers can be split and combined. It uses friendly characters and colorful visuals to make abstract concepts concrete. Math videos that highlight number bonds with manipulatives enhance comprehension and retention.

#### *7. Sorting and Classifying Fun*

Kindergarteners learn how to sort objects by color, size, and type in this engaging book. Sorting is a fundamental math skill that improves logical thinking and organization. Videos featuring sorting activities and games provide hands-on practice to reinforce these concepts.

#### *8. Understanding Time: Days and Nights*

Introduce the concept of time with simple explanations of day and night cycles, morning routines, and clocks. This book uses clear illustrations and relatable examples to make time understandable for young children. Complementary videos that show daily schedules and time-telling basics support interactive learning.

#### *9. Building Blocks of Addition and Subtraction*

This book gently introduces both addition and subtraction through stories and visual aids. It helps kindergarteners see the relationship between combining and taking away objects. When paired with math videos featuring manipulatives and real-life scenarios, children develop a balanced understanding of these operations.

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**math videos for kindergarten:** *Teaching Preschool and Kindergarten Math* Ann Carlyle, Brenda Mercado, 2012 Through an exciting multimedia format, *Teaching Preschool and Kindergarten Math* takes you into an early childhood classroom for a seeing is believing look at how to create a focused, successful mathematics program while simultaneously deepening your knowledge of the mathematical ideas that need to be developed at an early age. You'll find: \* 26 video segments filmed in an actual classroom; \* more than 150 lessons and investigations; \* dozens of ideas for encouraging and supporting math talk with young children; \* numerous formative assessment recommendations including videos of one-on-one interviews; \* research-based strategies and insights to student misconceptions; \* reproducibles (also available in a downloadable, printable format at [www.mathsolutions.com/teachingpreschoolreproducibles](http://www.mathsolutions.com/teachingpreschoolreproducibles)), and more. The demands of the Common Core State Standards require students to have a stronger grounding in math concepts early on. In addition, research indicates that mastery of math concepts in early childhood is the most powerful predictor of later learning. These factors and more make *Teaching Preschool and Kindergarten Math* an essential go-to resource for the teaching and learning of early childhood mathematics.

**math videos for kindergarten:** *Young Children's Amazing Math* Herbert P. Ginsburg, 2025 Explore young children's amazing everyday math. Ginsburg uses words and over 75 short videos to illustrate and explain the widespread development of informal knowledge about number, shape, space, pattern, and measurement. Some videos show individual children, from about 9 months to 6 years, spontaneously engaging in everyday math at home as they eat, construct, sing, read, and more in their normal environments. Other videos show individual children revealing their math thinking and strategies as they talk with an adult. A final video shows a child doing her first kindergarten math homework assignment. Fascinating and often funny, the videos help adults to understand children's thinking and to foster the joyful development of everyday math, which can provide a foundation for formal math education in kindergarten and beyond. The book also offers many specific math activities designed to promote learning. Everyday math can be a delight for both adults and children. Enjoy it with them! Book Features: An account of young children's everyday math, much of which is widespread across gender, socioeconomic status, and culture. An exploration of how understanding children's everyday math can lay the foundation for teaching school math. The first extensive use of engaging videos to tell "thinking stories" about individual young children engaged in everyday math. Videos and stories that help adults—including early childhood education students, professional educators, and parents—to understand that math learning can be enjoyable in the early years and beyond. Numerous activities that teachers, day care providers, and parents can use to promote the development of children's everyday math. Available in print with embedded QR codes for video access, as well as hot links in the digital version.

**math videos for kindergarten:** *Growing Mathematical Ideas in Kindergarten* Linda Schulman



Dacey, Rebeka Eston, 1999 Grade level: k, t.

**math videos for kindergarten: Big Math Activities for Young Children for Preschool, Kindergarten, and Primary Children** James L. Overholt, Jackie White-Holtz, Sydney S. Dickson, 1998 PERFECT FOR EARLY CHILDHOOD EDUCATORS, CARE GIVERS AND PARENTS ALIKE, this reality based book provides a wide selection of activities and investigations for young children. Multi-level activities introduce increasingly advanced skills for preschool through third grade and have been designed to promote mathematical reasoning, communication, and problem solving skills that excite young learners.

**math videos for kindergarten: Teaching Number Sense, Kindergarten** Chris Confer, 2005 The teaching number sense series focuses on the critical role that number sense plays in students' developing mathematical understanding. Number sense encompasses a wide range of abilities, including being able to make reasonable estimates and to think and reason flexibly.

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**math videos for kindergarten: Teaching Powerful Problem-Solving in Math** Catherine C. Lewis, Akihiko Takahashi, Shelley Friedkin, Nora Houseman, Sara Liebert, 2025-08-22 Teaching Powerful Problem-Solving in Math provides the first in-depth portrait of schoolwide lesson study, showing how U.S. teachers at several schools used it to implement powerful problem-based mathematics instruction. Students learn mathematics by confronting a novel problem and building the new understanding of the mathematical concepts needed to solve it, just as mathematicians would. By learning in this way, students discover the power of their own thinking and gain confidence that extends well beyond mathematics. This book introduces readers to urban elementary and K-8 schools where teachers have dramatically transformed math learning for teachers and for students. Readers will follow teachers as they transform instruction using schoolwide lesson study, building powerful new ways for educators to learn from each other and practice innovative teaching techniques. The authors use in-depth classroom portraits (from the outset of schoolwide lesson study and three years later) to illuminate the changes in mathematics instruction at a school that raised its proficiency on Smarter Balanced Assessment from 15% to 56%. Extensive resources and links are provided to help readers understand and build on the work of these schools which is grounded in established principles of collective efficacy, intrinsic motivation, and learner agency for both students and teachers. Book Features: Shows how teaching through problem-solving can erase the achievement gap in mathematics learning. Provides the first in-depth portrait of schoolwide lesson study, showing how U.S. teachers at several schools build it and use it to transform teaching. Profiles teachers leading the transformation of instruction to achieve the ambitious vision of learning embodied in recent standards. Uses photographs, student work, and detailed classroom descriptions to bring to life mathematics lessons in year 1 and year 4 of the school's work to build problem-solving. Provides examples and links to the strategies teachers use to make student thinking visible (and actionable) during mathematics lessons. Includes lesson plans, photographs of board work, student journals, school newsletters, self-assessment rubrics and dozens of links to the resources needed to begin using teaching through problem-solving and school-wide lesson study. Provides long-term, teacher-led solutions for professional learning and for mathematics instruction that have been shown to improve teacher retention and student proficiency.

**math videos for kindergarten: Testing for Kindergarten** Karen Quinn, 2010-07-06 Karen Quinn has successfully taught hundreds of parents how to prepare their children for testing, and Testing For Kindergarten is her ultimate, comprehensive guide to having fun while teaching to the underlying abilities every test assesses. Whether your child is going to a private kindergarten or a public school, he or she will most likely be tested—and placed in classrooms according to those results. But information about intelligence tests is closely guarded, and it can be difficult to understand what your kids need to know. As an expert who has successfully taught hundreds of

parents how to work with their own children, Karen Quinn has written the ultimate guide to preparing your child for kindergarten testing. The activities she suggests are not about “teaching to the test.” They are about having fun while teaching to the underlying abilities every test assesses. From the “right” way to have a conversation to natural ways to bring out your child’s inner math geek, Quinn shares the techniques that every parent can do with their kids to give them the best chance to succeed in school and beyond. It’s just good parenting—and better test scores are icing on the cake.

**math videos for kindergarten: Teaching Your Kids New Math, 6-8 For Dummies** Kris Jamsa, 2023-03-08 It’s not too late to learn new math tricks—and help kids learn them, too! Teaching Your Kids New Math, Grades 6-8, For Dummies teaches you the new standard way of teaching kids math. It’s all about thinking through how to solve problems and using strategies, rather than just memorizing the procedures. In this book, parents, guardians, and tutors will learn how to use these methods and standards to effectively teach kids Common Core math for grades 6-8. Teaching Your Kids New Math, Grades 6-8, For Dummies shows you how schools are teaching kids math these days, and gives you tools to support kids through the homework and test prep process. You’ll love this book’s clear explanations and examples organized by grade level. With Teaching Your Kids New Math, Grades 6-8, For Dummies?? you’ll also get access to online tools, including dozens of math worksheets for additional support. Learn how to teach 6th through 8th grade math according to the Common Core Discover the new methods and formulas that are standard for math instruction Get best teaching practices, example problems, and tips about common math pitfalls Help your kids with math homework and enhance the homeschool journey This is the perfect Dummies guide for anyone who needs guidance on how to teach kids math using new methods and concepts—they’re different from what we learned in school! Future math teachers will also love this user-friendly guide to middle-grade math.

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century, successfully blending the best of what technology has to offer with guidelines for meeting the objectives set forth by the Common Core. Every innovation in math instruction is addressed: Flipping math instruction Project-based learning Using Khan Academy in the classroom Educational gaming Teaching for deeper conceptual understanding

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**math videos for kindergarten: Homeschool Your Child for Free** LauraMaery Gold, Joan M. Zielinski, 2009-08-04 For Families Who Want to Splurge on Education but Scrimp on Spending Are you considering homeschooling your child, but don't know where to go for the best educational resources? The Internet is an open door to the biggest library/laboratory the world has ever seen—and it's all at your fingertips for free! This never-ending source of information, adventure, and educational experiences for the entire family is now compiled in a complete curriculum for any age in *Homeschool Your Child for Free*. This invaluable guide to all the best in free educational material—from reading-readiness activities for preschoolers to science projects for teens—categorizes, reviews, and rates more than 1,200 of the most useful educational resources on the Internet and beyond. You'll discover: ·Legal guidelines and compliance requirements for home educators ·Complete curriculum plans for a comprehensive education, for preschool through high school ·Online lesson plans arranged by subject, from American history to zoology ·Teaching tips and motivators from successful homeschoolers ·And much, much more! Wow! Everything I have been trying to organize—all in one book! This is going to be part of my resource library for the support group I lead. Thanks, ladies.—Kimberly Eckles, HIS Support Group Leader, Home Instructors I'm impressed! There are more sites and links than I knew existed. A great resource for homeschoolers.—Maureen McCaffrey, publisher Homeschooling Today

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learning, this book is ideal for academicians, teachers, administrators, instructional designers, curriculum developers, researchers, and students in the fields of linguistics, anthropology, sociology, educational policy, and discourse analysis.

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**math videos for kindergarten: Making Sense of Mathematics for Teaching the Small Group** Juli K. Dixon, Lisa A. Brooks, Melissa R. Carli, 2018-07-06 When done right, small-group instruction is a powerful tool for facilitating student understanding in K-5 mathematics. Throughout the book, best practices for small-group math instruction are addressed in detail, from planning tasks that encourage deep understanding to asking effective questions to engaging learners in meaningful conversations. Readers will learn how teaching mathematics in small groups allows you to differentiate instruction for both remediation and enrichment. The included small-group instruction videos demonstrate the suggested strategies in a real-classroom setting, giving readers the opportunity to see best practice in action. Develop math-specific instruction strategies for teaching small groups in elementary school: Explore the benefits of small-group math activities and how these activities are unique compared to large-group instruction. Discover the teacher's and students' roles in small-group instruction and how teachers can help students develop the skills to fulfill their role. Learn how to apply the general tasks, questions, and evidence (TQE) process to small-group instruction in order to enhance student learning and improve your knowledge of teaching mathematics. View examples of small-group instruction, which provide both math intervention and math enrichment activities for different students. Contents: Acknowledgments Table of Contents About the Authors Introduction Chapter 1: Best Practices in Small-Group Instruction Chapter 2: The TQE Process in Small-Group Instruction Chapter 3: Discourse in Small-Group Instruction Epilogue: How to Tie It All Together References Index

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**math videos for kindergarten: The Language Experience Approach and the Science of Literacy Instruction** Elaine Traynelis Yurek, Mary Winifred Strong, 2024-05-14 The information contained in this text covers literacy instruction in kindergarten, primary grades, middle school, and secondary school. It gives the background on the developmental aspects of all attributes needed for successful reading. It presents a balanced body of information for instruction between wholistic approaches and traditional approaches for the total literacy curriculum. This book includes the complete developmental aspects of skills necessary for competence in all literacy tasks from birth to adolescent literacy, the need for availability for teachers to assess the progress of all these skills as

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