

math activities at home

Math Activities at Home: Engaging Ways to Boost Learning and Fun

Math activities at home can be an exciting and effective way to support children's learning outside the classroom. Whether your child is just beginning to grasp numbers or diving into more complex concepts, integrating math into everyday life helps build a strong foundation. Plus, it turns learning into an enjoyable experience that feels less like homework and more like play. From counting games to problem-solving challenges, there are countless creative ways to make math a natural part of your family routine.

Why Incorporate Math Activities at Home?

Math isn't just about numbers on a page or equations to solve; it's a vital skill that influences critical thinking, problem-solving, and decision-making. When you introduce math activities at home, children see the practical side of math in a relaxed environment. This approach helps reduce anxiety and builds confidence, encouraging kids to ask questions and explore concepts at their own pace.

Additionally, hands-on activities promote deeper understanding. Instead of memorizing formulas or procedures, children learn by doing – measuring ingredients, sorting objects, or estimating distances. These experiences reinforce abstract ideas and show how math applies to real life.

Simple and Fun Math Activities to Try at Home

1. Cooking and Baking Measurements

One of the easiest ways to practice math at home is through cooking and baking. Recipes provide natural opportunities for measuring ingredients, doubling or halving quantities, and understanding fractions.

- Ask your child to read the recipe aloud and identify numbers.
- Have them measure out cups, teaspoons, or grams, discussing units and conversions.
- Challenge them to adjust the recipe for more or fewer servings, practicing multiplication or division.

Not only does this activity strengthen math skills, but it also encourages following instructions and fine motor coordination.

2. Sorting and Categorizing Household Items

Sorting is a foundational math skill that helps children recognize patterns and organize information logically. Turn everyday objects into math manipulatives by sorting buttons, coins, or toys.

- Sort items by size, color, shape, or type.
- Count how many items fall into each category.
- Create simple graphs or charts to visualize the data.

This approach introduces early data analysis and comparison concepts in a tactile and engaging way.

3. Board Games and Card Games

Games are fantastic for developing strategic thinking and reinforcing math skills like counting, addition, and probability. Classics such as Monopoly, Yahtzee, or even simple card games encourage players to keep track of numbers and make calculations under pressure.

Try games like:

- **Uno:** Matching numbers and colors while strategizing moves.
- **Dominoes:** Counting dots and recognizing patterns.
- **Math Bingo:** Customized bingo cards with math problems instead of numbers.

Playing these games regularly nurtures a positive attitude towards math and sharpens mental math abilities.

Integrating Technology and Online Resources

In the digital age, there's no shortage of educational apps and websites designed to make math interactive and fun. Many platforms offer games, puzzles, and challenges tailored to different age groups and skill levels. Using technology as part of your math activities at home can diversify learning methods and keep children motivated.

Some popular tools include:

- **Khan Academy Kids:** A free resource with engaging lessons and practice exercises.
- **Prodigy Math Game:** An adaptive game that adjusts difficulty based on progress.
- **Cool Math Games:** A collection of fun, brain-teasing games focusing on various math topics.

While screen time should be balanced, these resources complement hands-on activities and provide instant feedback, helping children track their progress.

Encouraging Math Talk and Everyday Math

Math learning doesn't have to be restricted to formal activities. Engaging your child in "math talk" during daily routines fosters curiosity and application of math concepts in natural contexts.

Incorporate Math Talk into Routine Activities

- Grocery Shopping: Estimate the total cost, compare prices, or count items in the cart.
- Travel: Calculate distances, estimate arrival times, or discuss speed.
- Home Projects: Measure spaces for furniture, calculate paint needed, or count tiles.

By verbalizing math ideas and reasoning, children develop mathematical language skills that support understanding and communication.

Use Storytelling and Problem-Solving

Create simple math stories or scenarios that require problem-solving. For example:

- "If you have 5 apples and give 2 to a friend, how many do you have left?"
- "You need to split 12 cookies among 4 friends. How many cookies does each get?"

These narratives help children relate math to real-life situations, making abstract problems more concrete and meaningful.

Adapting Math Activities for Different Ages and Skill Levels

One of the best things about math activities at home is their flexibility. You can easily adjust tasks to suit your child's developmental stage and interests.

For younger children:

- Focus on counting, number recognition, and simple shapes.
- Use colorful objects and hands-on materials.
- Keep sessions short and playful.

For older children:

- Introduce concepts like fractions, decimals, and basic geometry.
- Encourage mental math and estimation.
- Challenge them with puzzles, logic games, and word problems.

Remember to celebrate progress, no matter how small, to build enthusiasm and resilience.

Tips for Making Math Activities at Home More Effective

- ****Be Patient and Positive:**** Avoid pressuring your child. Celebrate effort and curiosity.

- ****Incorporate Interests:**** Tailor activities to hobbies or favorite themes (e.g., sports statistics, nature patterns).
- ****Make It Social:**** Involve siblings or friends for cooperative games and challenges.
- ****Use Everyday Materials:**** You don't need fancy tools—coins, measuring cups, or even sidewalk chalk can be great math resources.
- ****Set a Routine:**** Regular short sessions are more effective than occasional long ones.

With these strategies, math becomes a natural and enjoyable part of your family's daily life.

Exploring math activities at home doesn't just support academic achievement; it nurtures a lifelong appreciation for the logic and beauty behind numbers. When learning feels relevant and fun, children are more likely to approach math with confidence and curiosity, building skills that extend far beyond the classroom walls.

Frequently Asked Questions

What are some fun math activities to do at home with kids?

Some fun math activities to do at home with kids include counting everyday objects, playing board games that involve numbers, using baking to teach measurements and fractions, and engaging in puzzle-solving or pattern recognition games.

How can parents make math activities engaging for children at home?

Parents can make math activities engaging by incorporating games, using real-life examples, encouraging hands-on learning with objects like blocks or coins, and relating math to children's interests such as sports, cooking, or shopping.

What are easy math activities for preschoolers at home?

Easy math activities for preschoolers include sorting toys by size or color, counting snacks, playing with shape puzzles, and singing number songs. These activities help build foundational math skills in a fun and interactive way.

Can cooking at home be used as a math activity? How?

Yes, cooking at home is a great math activity. It involves measuring ingredients, understanding fractions, counting, timing, and following sequential steps, all of which develop practical math skills.

What math skills can children develop through home-

based math activities?

Children can develop various math skills such as counting, number recognition, addition and subtraction, understanding shapes and patterns, measurement, and problem-solving through home-based math activities.

Are there digital math activities suitable for home use?

Yes, there are many digital math activities suitable for home use, including interactive math games, apps that teach math concepts, online puzzles, and virtual manipulatives that help children practice math skills in an engaging way.

How often should math activities be done at home to be effective?

For effective learning, short and regular math activities are recommended, such as 15-30 minutes a day several times a week, to keep children engaged and reinforce their math skills without overwhelming them.

Additional Resources

Math Activities at Home: Enhancing Learning Beyond the Classroom

math activities at home have become an essential component for parents and educators aiming to reinforce mathematical concepts outside traditional classroom settings. With the increasing emphasis on holistic education, integrating math into daily routines offers a practical approach to cultivating numeracy skills and fostering a positive attitude toward the subject. This exploration delves into the varied landscape of math activities at home, examining their educational value, implementation strategies, and the benefits they present for learners of all ages.

The Growing Importance of Math Activities at Home

Recent educational research highlights the significant role that supplemental learning plays in academic success. According to a 2022 study by the National Center for Education Statistics, students who engage in regular math-related activities outside school hours tend to outperform their peers in standardized assessments. This trend underscores the necessity of creating environments where math is accessible, engaging, and relevant.

Math activities at home offer unique advantages compared to formal classroom instruction. The informal setting allows children to explore concepts at their own pace, reducing anxiety often associated with timed tests or competitive environments. Additionally, parents can tailor these activities to suit their child's individual learning style, making abstract ideas more concrete and understandable.

Types of Math Activities Suitable for Home

A diverse array of math activities can be effectively conducted at home, ranging from hands-on tasks to technology-assisted exercises. The choice depends largely on the learner's age, proficiency level, and available resources. Below is an analytical overview of commonly adopted categories:

Manipulative-Based Learning

Using physical objects such as blocks, beads, or even everyday household items can help children grasp fundamental concepts like counting, addition, subtraction, and spatial reasoning. Manipulatives provide tactile feedback, making abstract ideas tangible and easier to comprehend.

- **Pros:** Encourages active participation and fine motor skills development.
- **Cons:** May require adult supervision to maximize educational outcomes.

Interactive Digital Tools

In the digital age, numerous apps and online platforms offer interactive math exercises tailored to various skill levels. These tools often incorporate gamification elements, which can motivate learners and sustain their interest.

- **Pros:** Provides instant feedback, adaptive difficulty, and engaging visuals.
- **Cons:** Potential for screen fatigue and requires internet access.

Real-Life Math Applications

Integrating math into daily activities such as cooking, shopping, or budgeting can help children see the practical relevance of numerical skills. For instance, measuring ingredients or calculating change reinforces concepts like fractions and arithmetic.

- **Pros:** Demonstrates the usefulness of math, improving retention and motivation.
- **Cons:** Opportunities may be limited depending on household routines.

Strategies for Effective Implementation of Math Activities at Home

Successfully incorporating math activities into the home environment requires thoughtful planning and consistent effort. The following strategies have been identified as pivotal in maximizing educational benefits:

Establishing a Routine

Consistency is key when introducing supplementary learning. Allocating a specific time each day or week for math activities helps build a habit and signals the importance of the subject.

Balancing Challenge and Enjoyment

Activities should be neither too easy nor overwhelmingly difficult. Striking this balance sustains interest and promotes confidence, preventing frustration or boredom.

Encouraging Parental Involvement

Active participation by parents can enhance the learning experience. When adults engage alongside children, they model positive attitudes toward math and provide immediate support.

Utilizing Resources Wisely

Parents and caregivers can leverage community resources such as libraries, educational websites, and local workshops to diversify math activities and expose children to different methodologies.

Evaluating the Impact of Home-Based Math Activities

Empirical evidence suggests that math activities at home contribute significantly to improved numeracy skills and academic achievement. A comparative analysis conducted in 2023 by the Education Development Trust found that students who regularly practiced math at home scored on average 12% higher in math proficiency tests than those who did not.

Moreover, these activities often foster soft skills like problem-solving, logical thinking, and perseverance. Such competencies are invaluable not only for mathematics but across various disciplines and real-world scenarios.

However, it is important to acknowledge potential challenges. Not all families have equal access to resources or possess the confidence to support

math learning effectively. This disparity can exacerbate educational inequalities, emphasizing the need for accessible guidance and community support.

Addressing Barriers and Enhancing Accessibility

Efforts to democratize math activities at home include developing low-cost or no-cost materials, creating multilingual resources, and offering parent training programs. Schools and community organizations play a critical role in bridging gaps by providing toolkits and workshops designed to empower caregivers.

Conclusion: The Evolving Role of Math Activities at Home

As education paradigms shift toward more personalized and lifelong learning models, math activities at home will remain a vital element. Their adaptability to diverse learning styles and contexts makes them an indispensable tool for nurturing mathematical understanding and enthusiasm. By recognizing the multifaceted nature of home-based math education and addressing associated challenges, stakeholders can ensure these activities contribute meaningfully to children's academic journeys and beyond.

Math Activities At Home

math activities at home: Literature-based Math Activities Alison Abrohms, 1992 This unique resource uses 40 popular children's books as springboards to math learning. It's brimming with activities and reproducibles that focus on number sense, operations, fractions, patterns, measurement, money, time, probability, and much more.

math activities at home: Children's Competencies Development in the Home Learning Environment Frank Niklas, Caroline Cohrsen, Simone Lehl, Amy R. Napoli, 2021-08-02

math activities at home: Early Childhood Mathematics Skill Development in the Home Environment Belinda Blevins-Knabe, Ann M. Berghout Austin, 2016-10-17 This volume presents current research on the connections between the home and family environment on children's mathematics development. Focusing on infancy through first grade, it details the role of parents and other caregivers in promoting numeracy and the ways their active participation can prepare young children for learning about formal mathematics. Research data answer key questions regarding the development of numeracy alongside cognitive and linguistic skills, early acquisition of specific math skills, and numeracy of children with atypical language skills. The book also provides practical recommendations for parents and other caregivers as well as implications for future research studies and curriculum design. Included in the coverage: Ways to optimize home numeracy environments. Individual differences in numerical abilities. Cross-cultural comparisons and ways to scaffold young children's mathematical skills. Mathematics and language in the home environment. Center-based and family-based child care. Games and home numeracy practice. Early Childhood Mathematics Skill Development in the Home Environment is an essential resource for researchers, graduate students, and professionals in infancy and early childhood development, child and school psychology, early childhood education, social work, mathematics education, and educational

psychology.

math activities at home: Informal STEM Learning at Home and in Community Spaces

Bradley Morris, Brenna Hassinger-Das, Rachael Todaro, Jennifer DeWitt, 2024-03-22 Children in Western countries spend only about 20% of their waking time in school (Meltzoff et al., 2009). Leveraging the 80% of time that they spend outside of school can provide children with opportunities to engage in meaningful, authentic STEM learning experiences with family members, other caregivers, and children. STEM learning and readiness go beyond acquiring content knowledge to include interest, engagement, and motivation for STEM learning as well as the formation of a STEM identity. To date, there has been a dearth of research focusing on children's informal STEM experiences when compared to formal, school-based STEM learning experiences. This Research Topic focuses attention on the authentic, everyday experiences of children and how these experiences provide opportunities for STEM learning, engagement, and identity. In addition, these papers will explore how these everyday experiences can be leveraged and augmented to promote STEM learning and engagement through culturally-relevant design and implementation.

math activities at home: Learning and Teaching Early Math

Douglas H. Clements, Julie Sarama, 2014-05-23 In this important book for pre- and in-service teachers, early math experts Douglas Clements and Julie Sarama show how learning trajectories help diagnose a child's level of mathematical understanding and provide guidance for teaching. By focusing on the inherent delight and curiosity behind young children's mathematical reasoning, learning trajectories ultimately make teaching more joyous. They help teachers understand the varying levels of knowledge exhibited by individual students, which in turn allows them to better meet the learning needs of all children. Using straightforward, no-nonsense language, this book summarizes the current research about how children learn mathematics, and how to build on what children already know to realize more effective teaching. This second edition of Learning and Teaching Early Math remains the definitive, research-based resource to help teachers understand the learning trajectories of early mathematics and become quintessential professionals. Updates to the new edition include: • Explicit connections between Learning Trajectories and the new Common Core State Standards. • New coverage of patterns and patterning. • Incorporation of hundreds of recent research studies.

math activities at home: Handbook of Family Literacy

Barbara H. Wasik, 2012-08-06 The Handbook of Family Literacy, 2e, provides the most comprehensive, up-to-date coverage of family literacy of any available book. It documents the need for literacy education for children and parents, describes early literacy and math development within the home, analyses interventions in home and center settings, and examines the issues faced by fathers and women with low literacy skills. Cultural issues are examined especially those for Hispanic, African American, American Indian, Alaskan Native, and migrant populations. Noted experts throughout the United States, Canada, England, the Netherlands, Germany, New Zealand, and South Africa analyze the commonalities and differences of family literacy across cultures and families. Key features include the following. Comprehensive - Provides updated information on the relation between early childhood literacy development, parenting education, and intervention services. Research Focus - Provides an extensive review of experimental studies, including national reviews and meta-analyses on family literacy. Practice Focus - Provides a comprehensive treatment of family literacy interventions necessary for program developers, policy makers, and researchers. Diversity Focus - Provides detailed information on cultural and diversity issues for guiding interventions, policy, and research. International Focus - Provides an international perspective on family literacy services that informs program developers, researchers, and policy makers across countries. Evaluation Focus - Provides detailed guidelines for ensuring program quality and fidelity and a valuable new evaluation perspective based on implementation science. This book is essential reading for anyone - researchers, program developers, students, practitioners, and policy makers - who needs to be knowledgeable about intervention issues, family needs, program developments, and research outcomes in family literacy.

math activities at home: Letters to Parents in Math

Janet Kapche Rationale, Lisa C.

Kircher, 1998 Educational resource for teachers, parents and kids!

math activities at home: Evidence-Based Practices in Deaf Education Harry Knoors, Marc Marschark, 2018-08-28 This volume presents the latest research from internationally recognized researchers and practitioners on language, literacy and numeracy, cognition, and social and emotional development of deaf learners. In their contributions, authors sketch the backgrounds and contexts of their research, take interdisciplinary perspectives in merging their own research results with outcomes of relevant research of others, and examine the consequences and future directions for teachers and teaching. Focusing on the topic of transforming state-of-the-art research into teaching practices in deaf education, the volume addresses how we can improve outcomes of deaf education through professional development of teachers, the construction and implementation of evidence-based teaching practices, and consideration of the whole child, thus emphasizing the importance of integrative, interdisciplinary approaches.

math activities at home: The Math of Homes and Other Buildings Hope Martin, Susan Guengerich, 1999 20 real-life activities show students that they really do use math every day - and that can be fun! Students learn how math is connected to their lives as they work through problems that also link them to other subjects such as science, health education, and consumer education. As they solve problems together, students develop self-confidence in their math abilities. Activities focus on home ownership, construction and design, financial aspects of ownership, and the tallest of our structures, skyscrapers. Teacher pages include concepts, materials needed, procedures, alternatives to traditional assessment, and extension activities, such as Internet Web sites. Correlated to NCTM standards.

math activities at home: Mega-Fun Math Games and Puzzles for the Elementary Grades Michael S. Schiro, 2009-02-24 Make developing basic math skills fun and painless With this great collection of over 125 easy-to-use games, puzzles, and activities, teachers and parents can help kids comprehend fundamental math concepts, including addition, subtraction, multiplication, division, place value, fractions, and more. All games and puzzles use easy-to-find household items such as paper and pencil, playing cards, coins, and dice. The activities also help children develop problem-solving skills, such as testing hypotheses, creating strategies, and organizing information, as well as spatial relations skills, part-to-whole skills, and memory. Michael Schiro, EdD (Chestnut Hill, MA), is an associate professor at the School of Education at Boston College. He is the author of several books on teaching and learning math and is a frequent presenter at local and national math conferences.

math activities at home: Everyday Mathematics: Home connection handbook , 2004

math activities at home: Letters to Parents in Math Grades K-3 Lisa C. Kircher, 1999-03 Educational resource for teachers, parents and kids!

math activities at home: Academic Socialization of Young Black and Latino Children Susan Sonnenschein, Brook E. Sawyer, 2018-12-11 This book offers a strengths-based, family-focused approach to improving the educational performance and school experience of struggling Black and Latino students. The book discusses educational challenges faced by low-income families of color and the different strengths within Black and Latino family life that can affect these challenges. It focuses building on these strengths within the children's home environments that can serve as a foundation for subsequent learning. The chapters describe a wide range of family practices and beliefs, including development of interventions to support families that promote early language and literacy, early mathematics, and social skills. The chapters also present quantitative and/or qualitative studies using a strengths-based approach to parents' socialization of their children's early academic skills. Topics featured in this book include: Latino and Black parental resources, investments, and beliefs Academic socialization in the homes of Black and Latino preschool children Development of culturally-informed interventions to promote children's school readiness skills Family-school partnerships as a tool for improving educational opportunities. Directions for future research Academic Socialization of Young Black and Latino Children is a must-have resource for researchers, educators, clinicians and related professionals, and graduate

students in diverse fields including education, developmental and school psychology, family studies, counseling psychology and social work, and sociology of culture.

math activities at home: *Contemporary Perspectives on Research in Motivation in Early Childhood Education* Olivia Saracho, 2019-03-01 Researchers from different disciplines (e.g., physiological, psychological, philosophical) have investigated motivation using multiple approaches. For example, in physiology (the scientific study of the normal function in living systems such as biology), researchers may use “electrical and chemical stimulation of the brain, the recording of electrical brain-wave activity with the electroencephalograph, and lesion techniques, where a portion of the brain (usually of a laboratory animal) is destroyed and subsequent changes in motivation are noted” (Petri & Cofer, 2017). Physiological studies mainly conducted with animals, other than humans, have revealed the significance of particular brain structures in the control of fundamental motives such as hunger, thirst, sex, aggression, and fear. In psychology, researchers may study the individuals’ behaviors to understand their actions. In sociology, researchers may examine how individuals’ interactions influence their behavior. For instance, in the classroom students and teachers behave in expected ways, which may differ when they are outside the classroom. Saracho (2003) examined the students’ academic achievement when they matched or mismatched their teachers’ way of thinking. She identified both the teachers and students individual differences and defined consistencies in their cognitive processes. In philosophy, researchers can study the individuals’ theoretical position such as supporting Maslow’s (1943) concept that motivation can create behaviors that augments motivation in the future. Abraham H. Maslow’s theory of self-actualization supports this theoretical position (Petri & Cofer, 2017). These areas and others are represented in this volume. This volume is devoted to understanding mutual and contemporary themes in the individuals’ motivation and its relationship to cognition. The current literature covers several methods to the multifaceted relationships between motivational and cognitive processes. Comprehensive reviews of the literature focus on prominent cognitive perspectives on motivation with young children, which includes ages from birth to eight years of age. The chapters in this special volume review and critically analyze the literature on several aspects of the relationships between motivational and cognitive processes and demonstrates the breadth and theoretical effectiveness of this domain. This brief introduction acknowledges the valuable contributions of these chapters to the study of human motivation. This volume can be a valuable tool to researchers who are conducting studies in the motivation field. It focuses on important contemporary issues on motivation in early childhood education (ages 0 to 8) to provide the information necessary to make judgments about these issues. It also motivates and guides researchers to explore gaps in the motivation literature.

math activities at home: *The Connection Between Mathematical and Reading Abilities and Disabilities* Shelley Shaul, Joanna Christodoulou, Maria T. Sikkema-de Jong, 2022-05-03

math activities at home: School, Family, and Community Partnerships, Student Economy Edition Joyce Epstein, 2018-10-03 This book encourages more professors of education, sociology, psychology, and related fields to prepare the next generation of education professionals to understand and implement programs and practices of family and community involvement to increase student success in school.

math activities at home: *School, Family, and Community Partnerships* Joyce L Epstein, 2018-04-17 School, Family, and Community Partnerships: Preparing Educators and Improving Schools addresses a fundamental question in education today: How will colleges and universities prepare future teachers, administrators, counselors, and other education professionals to conduct effective programs of family and community involvement that contribute to students' success in school? The work of Joyce L. Epstein has advanced theories, research, policies, and practices of family and community involvement in elementary, middle, and high schools, districts, and states nationwide. In this second edition, she shows that there are new and better ways to organize programs of family and community involvement as essential components of district leadership and school improvement. THE SECOND EDITION OFFERS EDUCATORS AND RESEARCHERS: A

framework for helping rising educators to develop comprehensive, goal-linked programs of school, family, and community partnerships. A clear discussion of the theory of overlapping spheres of influence, which asserts that schools, families, and communities share responsibility for student success in school. A historic overview and exploration of research on the nature and effects of parent involvement. Methods for applying the theory, framework, and research on partnerships in college course assignments, class discussions, projects and activities, and field experiences. Examples that show how research-based approaches improve policies on partnerships, district leadership, and school programs of family and community involvement. Definitive and engaging, *School, Family, and Community Partnerships* can be used as a main or supplementary text in courses on foundations of education methods of teaching, educational administration, family and community relations, contemporary issues in education, sociology of education, sociology of the family, school psychology, social work, education policy, and other courses that prepare professionals to work in schools and with families and students.

math activities at home: *Mathematics Education in the Early Years* Martin Carlsen, Ingvald Erfjord, Per Sigurd Hundeland, 2020-03-13 This book gives insights in the vivid research area of early mathematics learning. The collection of selected chapters mirrors the research topics presented at the fourth POEM conference in May 2018. Thematically, the volume reflects the importance of this evolving area of research, which has begun to attract attention in the spheres of education and public policy due to increased interest in early years learning. The research foci of the chapters comprise children's mathematical reasoning, early years mathematics teaching, and the role of parents for children's mathematical development. The 2018 conference included a wider range of researchers than previous years.

math activities at home: *Mathematics Learning in Early Childhood* National Research Council, Division of Behavioral and Social Sciences and Education, Center for Education, Committee on Early Childhood Mathematics, 2009-11-13 Early childhood mathematics is vitally important for young children's present and future educational success. Research demonstrates that virtually all young children have the capability to learn and become competent in mathematics. Furthermore, young children enjoy their early informal experiences with mathematics. Unfortunately, many children's potential in mathematics is not fully realized, especially those children who are economically disadvantaged. This is due, in part, to a lack of opportunities to learn mathematics in early childhood settings or through everyday experiences in the home and in their communities. Improvements in early childhood mathematics education can provide young children with the foundation for school success. Relying on a comprehensive review of the research, *Mathematics Learning in Early Childhood* lays out the critical areas that should be the focus of young children's early mathematics education, explores the extent to which they are currently being incorporated in early childhood settings, and identifies the changes needed to improve the quality of mathematics experiences for young children. This book serves as a call to action to improve the state of early childhood mathematics. It will be especially useful for policy makers and practitioners—those who work directly with children and their families in shaping the policies that affect the education of young children.

math activities at home: *Cognitive and Affective Factors in Relation to Learning* Mikaela Nyroos, Johan Korhonen, Riikka Mononen, 2022-11-10 Both domain-general (e.g., working memory, executive functions) and domain-specific (e.g., number processing, phonological processing) cognitive factors have been found to predict learning in different age groups. Likewise, research has shown that various affective factors, such as different emotions (e.g., anxiety), self-concept, and interest, need to be considered when investigating individual differences in learning. However, few studies have investigated both cognitive and affective factors simultaneously in relation to learning. In particular, there is a lack of studies investigating the interplay (i.e., moderation and mediation) between cognitive and affective factors on learning. The goal of this Research Topic is to deepen our knowledge on the relations between learning and both cognitive and affective factors in different age groups. We aim to provide a broad scope of emerging areas in research on cognitive and affective factors, especially related to academic learning (e.g., mathematics, reading, and other

school subjects). Studies focusing simultaneously looking at the interplay of these constructs, as well as longitudinally, are of great interest. Further, we are interested in innovative study designs and recent advances in methodology in this field. To promote quality education for all and equity in education, cognitive and affective factors related to aspects of learning ranging from pre-school to tertiary provision, and inclusion of individuals with special educational needs, are of interest.

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