

# math wall for kindergarten

**math wall for kindergarten** is an essential educational tool designed to foster early numeracy skills and mathematical understanding in young learners. This interactive and visually engaging display helps children grasp foundational math concepts such as counting, number recognition, shapes, patterns, and simple operations. By integrating a math wall into the kindergarten classroom, educators create a dynamic learning environment that encourages curiosity, discussion, and hands-on participation. This article explores the benefits, components, and effective strategies for implementing a math wall for kindergarten students. Additionally, it provides practical tips to enhance learning outcomes while maintaining an inviting and stimulating space. The following sections cover everything from setting up the math wall to incorporating curriculum-aligned activities that promote mathematical thinking in early childhood education.

- Benefits of a Math Wall for Kindergarten
- Essential Components of a Kindergarten Math Wall
- Designing an Engaging Math Wall
- Incorporating Activities and Interactive Elements
- Aligning the Math Wall with Curriculum Standards
- Maintaining and Updating the Math Wall

## Benefits of a Math Wall for Kindergarten

A math wall for kindergarten offers multiple advantages that support the developmental needs of young learners. It provides a consistent visual reference that reinforces mathematical vocabulary and concepts, aiding memory retention and comprehension. The interactive nature of a math wall encourages active participation, which is crucial for kinesthetic and visual learners. Additionally, it fosters a sense of achievement and confidence as children engage with the material at their own pace. Math walls also promote social interaction among peers, encouraging collaborative problem-solving and communication skills. Educators benefit from having a centralized space to showcase learning objectives and monitor student progress through observable engagement with the materials.

## Supporting Early Numeracy Skills

By displaying numbers, counting aids, and simple math problems, the math wall cultivates early numeracy skills essential for kindergarten students. It introduces children to number sequences, quantity recognition, and basic arithmetic concepts in a playful and accessible manner. This early exposure lays a solid foundation for future mathematical learning and academic success.

# Encouraging Mathematical Language Development

The math wall for kindergarten also serves as a vocabulary-rich environment where children encounter terms such as more, less, equal, add, subtract, and shape names. This exposure helps develop their ability to communicate mathematical ideas effectively, a critical skill for problem-solving and understanding complex concepts later on.

## Essential Components of a Kindergarten Math Wall

Creating an effective math wall for kindergarten requires including a variety of components that address different aspects of early math learning. Each element should be visually appealing, age-appropriate, and aligned with learning goals. The math wall typically combines numbers, shapes, patterns, measurement tools, and interactive materials to engage multiple learning styles.

### Numbers and Counting Tools

Numbers from 0 to 20 or beyond are prominently displayed, accompanied by counting aids such as number lines, dot cards, or counters. These tools help children recognize numerals and understand their quantitative value through concrete examples.

### Shape and Pattern Displays

Various geometric shapes and pattern sequences are included to teach recognition, classification, and sequencing skills. Bright, colorful shapes with clear labels encourage exploration of spatial relationships and pattern prediction.

### Simple Arithmetic and Problem-Solving Activities

Basic addition and subtraction problems suitable for kindergarten cognitive levels are incorporated. Visual aids like ten frames, number bonds, and picture problems facilitate understanding of these concepts through hands-on interaction.

### Measurement and Comparison Tools

Elements such as rulers, balance scales, and comparison charts introduce measurement vocabulary and concepts. These tools help children develop awareness of length, weight, and volume through practical demonstrations.

## Designing an Engaging Math Wall

Effective design is crucial for maximizing the educational impact of a math wall for kindergarten. It should be accessible, organized, and visually stimulating to capture the attention of young learners. Strategic placement and use of colors, fonts, and interactive elements contribute to a welcoming and

functional learning space.

## **Accessibility and Placement**

The math wall must be positioned at a height appropriate for kindergarten students to interact comfortably. Clear sightlines and uncluttered arrangements ensure that children can easily view and reach materials without distraction or difficulty.

## **Use of Colors and Visuals**

Bright, contrasting colors and engaging visuals enhance the appeal of the math wall. Color coding different math concepts or sections helps students quickly identify and differentiate between areas of learning.

## **Organization and Thematic Consistency**

Grouping related materials together, such as numbers in one section and shapes in another, promotes logical flow and ease of use. Consistent themes or seasonal designs can maintain interest and provide contextually relevant learning experiences.

## **Incorporating Activities and Interactive Elements**

Interactivity is a key feature that distinguishes an effective math wall for kindergarten from a static display. Including hands-on activities and manipulatives encourages active learning and deeper engagement with mathematical ideas.

## **Manipulatives and Moveable Components**

Items such as magnetic numbers, shape cutouts, counting beads, and Velcro-backed cards allow children to physically manipulate objects on the math wall. This tactile involvement supports concept internalization and fine motor skills development.

## **Daily Math Challenges and Games**

Incorporating simple daily problems or puzzles related to the math wall content stimulates critical thinking and application. Rotating challenges regularly keeps the material fresh and motivates repeated interaction.

## **Student Contributions and Collaborative Activities**

Allowing children to add their own creations, such as pattern strips or number sentences, fosters ownership and pride. Group activities centered around the math wall encourage social learning and

communication.

## **Aligning the Math Wall with Curriculum Standards**

To maximize educational value, a math wall for kindergarten should align with established early childhood math standards and learning objectives. This ensures that the content supports required competencies and prepares students for subsequent grade levels.

## **Standards-Based Content Selection**

Careful selection of numbers, shapes, operations, and vocabulary based on state or national kindergarten standards guarantees relevance and appropriateness. This alignment aids educators in meeting instructional goals effectively.

## **Integration with Lesson Plans**

The math wall should complement daily lessons and reinforce concepts taught in class. Coordinating activities and displays with the curriculum creates a cohesive learning experience and promotes retention.

## **Maintaining and Updating the Math Wall**

Regular maintenance and updates are essential to keep the math wall relevant, engaging, and aligned with student progress. A dynamic math wall adapts to changing classroom needs and reflects ongoing learning developments.

## **Seasonal and Thematic Updates**

Refreshing the math wall with seasonal themes or new topics maintains student interest and connects mathematics to real-world contexts. This approach encourages continuous exploration and curiosity.

## **Assessment and Feedback Integration**

Incorporating assessment tools such as observation checklists or student reflections related to the math wall activities helps monitor understanding and identify areas for improvement. Adjustments based on feedback ensure the math wall remains an effective instructional resource.

## **Collaborative Teacher Involvement**

Encouraging input from multiple educators and support staff promotes diverse ideas and shared

ownership of the math wall. Collaboration enhances creativity and responsiveness to student needs.

## **Practical Tips for Effective Math Wall Implementation**

Applying best practices when creating and using a math wall for kindergarten enhances its educational impact. The following list summarizes key strategies for success:

- Keep content age-appropriate and aligned with learning standards
- Use clear, large fonts and bright colors for visibility
- Incorporate interactive and tactile elements to engage multiple senses
- Rotate themes and activities regularly to maintain interest
- Encourage student participation and ownership of the math wall
- Integrate the math wall with daily instructional activities
- Monitor and assess student engagement and comprehension
- Collaborate with colleagues for creative ideas and support
- Ensure the math wall is accessible and safe for young learners

## **Frequently Asked Questions**

### **What is a math wall for kindergarten?**

A math wall for kindergarten is a visual and interactive display in the classroom that showcases key math concepts, vocabulary, and student work to support learning and reinforce math skills.

### **Why is a math wall important in a kindergarten classroom?**

A math wall helps young learners by providing constant visual reminders of math concepts, encouraging engagement, supporting vocabulary development, and fostering a math-friendly environment.

### **What kind of math concepts are typically included on a kindergarten math wall?**

Kindergarten math walls often include numbers, shapes, counting charts, patterns, basic addition and subtraction, measurement tools, and math-related vocabulary words.

## How can teachers make a math wall interactive for kindergarten students?

Teachers can make a math wall interactive by including movable pieces, manipulatives, student work contributions, question prompts, and activities that students can engage with during lessons or free time.

## How often should a kindergarten math wall be updated?

A kindergarten math wall should be updated regularly, ideally weekly or bi-weekly, to reflect current lessons, introduce new concepts, and keep the display fresh and relevant for students.

## Can parents use a math wall at home to support kindergarten math learning?

Yes, parents can create a math wall at home to reinforce math concepts, provide a visual learning tool, and encourage their child to explore numbers, shapes, and patterns in a fun and interactive way.

## What materials are best for creating a durable math wall in a kindergarten classroom?

Durable materials for a kindergarten math wall include laminated charts and cards, magnetic boards, Velcro-backed pieces, sturdy bulletin board paper, and clear labels to withstand frequent use by young children.

## Additional Resources

### 1. *"Count with Me: A Kindergarten Math Adventure"*

This engaging book introduces young learners to counting from 1 to 20 through colorful illustrations and relatable scenarios. Each page encourages kids to count objects and practice number recognition. It's perfect for a math wall to reinforce early number skills.

### 2. *"Shapes All Around Us"*

A delightful book that explores basic shapes like circles, squares, triangles, and rectangles found in the world. With vivid pictures and simple explanations, children learn to identify and name shapes. It's an excellent resource for teaching geometry concepts in kindergarten.

### 3. *"Number Patterns and Sequences for Kids"*

This book helps children recognize and create simple number patterns through fun activities and visual cues. It encourages logical thinking and prediction skills, crucial for early math development. Ideal for displaying on a math wall to spark curiosity about numbers.

### 4. *"Measuring Fun: Learning Length and Size"*

Focused on introducing measurement concepts, this book uses everyday objects to teach length, height, and size comparison. It includes interactive prompts to help kids understand measuring in a hands-on way. Perfect for a math wall section dedicated to measurement.

#### 5. *"Addition Adventures: Adding with Friends"*

A friendly and approachable introduction to addition, this book uses simple story problems and pictures to illustrate adding small numbers. It builds foundational skills for early arithmetic with engaging characters. Great for displaying addition facts and strategies on a math wall.

#### 6. *"Subtraction Stories: Taking Away Made Easy"*

This book explains subtraction through relatable stories and visual examples, helping children grasp the concept of taking away. It encourages problem-solving and critical thinking with interactive questions. A valuable addition to a kindergarten math wall focused on subtraction.

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

Teaching kids how to group objects by attributes such as color, size, or shape, this book promotes critical thinking and organization skills. Its bright illustrations and activities make sorting enjoyable and educational. Useful for a math wall to highlight classification concepts.

#### 8. *"Time Telling Basics for Beginners"*

An introductory book that explains the concept of time, focusing on reading clocks and understanding daily routines. It uses simple language and clear images to make learning to tell time accessible for kindergarteners. Ideal for a math wall section on time.

#### 9. *"Patterns in Nature: Exploring Math Outside"*

This book connects math with the natural world by showing patterns in flowers, leaves, and animals. It encourages observation and appreciation of math in everyday life. A wonderful choice for a math wall theme that integrates nature and math learning.

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**math wall for kindergarten: Teaching and Learning in International Schools** Anssi Roiha, Eryn Wiseman, 2025-02-28 An essential guide to teaching and learning in international schools for pre-

and in-service educators around the world. With more and more teachers working in international schools, this book provides a practical and accessible examination of effective pedagogy in this specific context. Using case studies that can be applied in a range of settings, it explores key areas of classroom practice such as collaboration and student agency, along with emergent approaches such as play-based, concept-based and enquiry-based teaching and learning. In addition, it gazes towards students' future needs, exploring themes such as new literacies and intercultural competence. "The thoughtful questions posed throughout the text have the potential to guide some important conversations and prompt positive, professional growth." Kath Murdoch, Seastar Education Consulting. "This is a text that is much needed in national and international education." Malcolm Nicolson, Director Erimus Education. "Modelling the power and value of collaboration, a cohort of very accomplished educators with international experience have united to share numerous practical examples to support effective teaching and learning. Dr Jennifer Chang Wathall, independent education consultant. ...connects readers to new or different researchers beyond what is shared in IB publications, therefore widening the research base and highlighting new strategies to help educators keen to innovate in their practice." Sandy Paton, PYP Educator and independent consultant.

**math wall for kindergarten:** *Building Effective Professional Development in Elementary School* Judy Johnson, 2018-04-27 Learn the principles of comprehensive professional development and motivate elementary school teachers to be more effective in the classroom! In *Building Effective Professional Development in Elementary School*, Judy Johnson presents a career-long and comprehensive approach to professional development that gives teachers the support they need to improve instruction and raise the levels of student achievement. Her book not only explains how to create and lead a successful PD program; it also offers practical advice for establishing a school culture that will encourage teachers to collaborate and self-motivate in an effort to improve instruction. Other topics include: Training to deepen content knowledge and expand the teaching repertoire; Identifying high-performing educators and helping them build upon their strengths; Using teaching demonstrations to enliven and diversify classroom practice; Creating an effective mentorship program that brings out the best in faculty members, regardless of experience level; Resolving problems with recruitment, dealing with disgruntled teachers, assessing teaching quality, and overcoming other obstacles preventing implementation of a comprehensive professional development program; And more!

**math wall for kindergarten:** **CLIMBING the ROCK WALL** Barbara Katz-Brown, 2013-09 This is a collection of essays written during the course of a career in public education spanning over forty years. The essays reflect the author's optimism and frustrations with the business of schools and the impractical way schools hire, fire, and retain teachers and administrators. The author suggests new ways to examine practices and procedures in the public schools in the United States, from core curricula to discipline, even suggesting a utopian school district. Filled with anecdotes and thought-provoking questions, the author describes the life of a public school employee in a variety of positions within a centrally isolated Upstate New York public school system. A must-read for anyone considering a profession within the public schools, for new school board members, or for parents who want to know the dirty little secrets that exist in a public school system typical of any public school system in the United States. Barbara D. Katz-Brown, MS, CCC-SP, SDA

**math wall for kindergarten:** Choral Counting & Counting Collections Megan L Franke, Elham Kazemi, Angela Chan Turrou, 2023-10-10 In this influential book from collaborative authors Megan L Franke, Elham Kazemi, and Angela Chan Turrou, *Choral Counting & Counting Collections: Transforming the PreK - 5 Math Classroom*, explores ways in which two routines — Choral Counting and Counting Collections — can transform your elementary math classroom, your students' math understanding, and your partnerships with families. It paints a vision for how deeply and creatively children can engage with ideas of number and operations and mathematical reasoning through counting. Created with real educators' needs in mind and organized by grade-level band (preschool, K-2, and 3-5), inside this book you'll find: Easy-to-use planning templates to guide teachers in

implementing these powerful routines A variety of student recording sheets for Counting Collections that allow teachers to enact different variations of this activity across the grades Guides for selecting Choral Counts that support grade-level standards and mathematical goals Goal charts that provide specific guidance on teacher language and moves Advice on supporting both students' mathematical and social goals through Choral Counting and Counting Collections The authors have collected the wisdom of math teachers and researchers across the country who explore activities that are both playful and intentional, simple and sophisticated. If you're looking for ways to bring new energy into your math instruction, *Choral Counting & Counting Collections: Transforming the PreK - 5 Math Classroom* is the perfect book for you and your students.

**math wall for kindergarten:** *Reaching Standards and Beyond in Kindergarten* Gera Jacobs, Kathy Crowley, 2010 Focusing on research-based, developmentally appropriate practices, this book shows teachers how to help young children reach standards through creative play activities that ignite their enthusiasm to learn.

**math wall for kindergarten:** *Mathematizing Your School* Nicki Newton, Janet Nuzzie, 2018-09-27 Learn the secrets to getting your entire school excited about math! This book from acclaimed author Dr. Nicki Newton and experienced instructional specialist Janet Nuzzie shows you how to integrate engaging math instruction at every level, from the small group project to the school-wide assembly. With contributions from math coaches, district leaders, and classroom teachers, this book will give you the practical tools you need to boost student proficiency, encourage collaboration between staff members, and make math an important part of school life. You'll also learn how to: Create a safe and inviting environment for mathematics instruction; Devote adequate amounts of instructional time to help students develop their skill set as proficient mathematicians; Use real-world contexts and hands-on instruction to boost engagement; Give students the tools and opportunities to be confident, to question, to take risks, and to make mistakes; And much much more!

**math wall for kindergarten:** *Power Standards* Larry Ainsworth, 2003 Prioritize the state standards on the basis of need.

**math wall for kindergarten:** *How Children Learn Math* Nancy Krasa, Karen Tzanetopoulos, Colleen Maas, 2022-10-25 Written for pre-service and in-service educators, as well as parents of children in preschool through grade five, this book connects research in cognitive development and math education to offer an accessibly written and practical introduction to the science of elementary math learning. Structured according to children's mathematical development, *How Children Learn Math* systematically reviews and synthesizes the latest developmental research on mathematical cognition into accessible sections that explain both the scientific evidence available and its practical classroom application. Written by an author team with decades of collective experience in cognitive learning research, clinical learning evaluations, and classroom experience working with both teachers and children, this amply illustrated text offers a powerful resource for understanding children's mathematical development, from quantitative intuition to word problems, and helps readers understand and identify math learning difficulties that may emerge in later grades. Aimed at pre-service and in-service teachers and educators with little background in cognitive development, the book distills important findings in cognitive development into clear, accessible language and practical suggestions. The book therefore serves as an ideal text for pre-service early childhood, elementary, and special education teachers, as well as early career researchers, or as a professional development resource for in-service teachers, supervisors and administrators, school psychologists, homeschool parents, and other educators.

**math wall for kindergarten:** *Train the Brain to Hear* Jennifer L. Holland, 2014-05-23 *Train the Brain to Hear* was written by a parent and teacher for parents and teachers. The book provides explanations of the learning disabilities dysgraphia, dyslexia, dyscalculia, dyslexia and auditory processing disorder as well as the common areas that are affected by learning disabilities including short term memory, executive function and comprehension. The treatment program utilizes brain training and neuroplasticity techniques to encourage development of the connections in the brain

that strengthen these skills. The techniques can also be used to work with those who have been diagnosed with ADD/ADHD, traumatic brain injury or stroke. One of the most difficult things for a parent to hear is that there is something wrong with a child and that there is nothing that can be done to help him. That is what author Jennifer Holland and her husband Charles were told in 2001 when their oldest son was diagnosed with auditory processing disorder. This diagnosis was repeated in 2010 when their second son was diagnosed and again in 2013 when the diagnosis was confirmed in their fourth child. In Charles and Jennifer's family, auditory processing disorder is a genetic condition inherited from Charles. Jennifer made it her mission to figure out how to help her own children succeed in the classroom and in life. This program will allow you to treat those who are learning disabled from the preschool and early reader age level through adulthood and understand and address many of the most common difficulties they face in everyday life. This book was written and the program developed for every parent who has been told there was nothing that could be done for their child and for every parent/teacher who knows more can be.

**math wall for kindergarten: *What Successful Math Teachers Do, Grades PreK-5*** Edward S. Wall, Alfred S. Posamentier, 2006-09-14 The book is very easy to follow, with practical, research-based strategies for the teacher to use. It also provides insight to better remediate students who are struggling. -Allen Stevens, Math/Science Teacher Mooresville Middle School, NC The 'Precautions and Pitfalls' section is such a welcome feature! This is a powerful book for beginning teachers or seasoned teachers who want to improve their practice to ensure student learning. -Rhonda Naylor, Math Teacher/Coordinator Campus Middle School, Englewood, CO The research and vignettes that follow each strategy clearly support why the strategy is important and how it can be effective. -Trish Guinee, Mathematics Coordinator Peoria Public Schools, IL Facilitate learning in PreK-5 mathematics and maximize student achievement with research-based teaching strategies! This easy-to-navigate guide offers research-based teaching strategies for introducing prekindergarten and elementary school students to the content and skills recommended by the NCTM principles and standards for mathematics. Using the popular format of the What Successful Teachers Do books, the authors present 47 dynamic learning activities, each including: A concise statement of the teaching strategy Research-based validations for the strategy How the strategy aligns with NCTM standards Grade-specific classroom applications and vignettes Precautions and possible pitfalls Primary sources for further reading This insightful resource allows teachers to increase students' confidence in math-and their enthusiasm-with practical and engaging activities, while responding effectively to NCTM standards.

**math wall for kindergarten: *The Global Education Toolkit for Elementary Learners*** Homa Sabet Tavangar, Becky Mladic-Morales, 2014-02-12 Integrate global learning activities in your elementary classrooms today with this easy-to-use guide! This smart, all-in-one resource from widely acclaimed authors Homa Tavangar and Becky Morales provides hundreds of easy, stand-alone activities, resources, and projects to help busy educators: Seamlessly integrate global awareness themes into existing K-5 Common Core curriculum Recruit parent and community volunteers and organizations Use social media for student global collaboration projects Plan international events, after-school clubs, and cross-curricular activities Includes a 12-month timeline, backmapping tips, 50+ ready-to-start projects, and online links.

**math wall for kindergarten: *The Moore Method*** Charles Arthur Coppin, W. Ted Mahavier, E. Lee May, Edgar Parker, 2009 The Moore method is a type of instruction used in advanced mathematics courses that moves away from a teacher-oriented experience to a learner-centered one. This book gives an overview of the Moore Method as practiced by the four authors. The authors outline six principles they all have as goals : elevating students from recipients to creators of knowledge; letting students discover the power of their minds; believing every student can and will do mathematics; allowing students to discover, present and debate mathematics; carefully matching problems and materials to the students; and having the material cover a significant body of knowledge. Topics include establishing a classroom culture, grading methods, materials development and more. Appendices include sample tests, notes and diaries of individual courses.

**math wall for kindergarten: Academic Language in Diverse Classrooms: Mathematics, Grades K-2** Margo Gottlieb, Gisela Ernst-Slavit, 2013-02-27 Make every student fluent in the language of learning. The Common Core and ELD standards provide pathways to academic success through academic language. Using an integrated Curricular Framework, districts, schools and professional learning communities can: Design and implement thematic units for learning Draw from content and language standards to set targets for all students Examine standards-centered materials for academic language Collaborate in planning instruction and assessment within and across lessons Consider linguistic and cultural resources of the students Create differentiated content and language objectives Delve deeply into instructional strategies involving academic language Reflect on teaching and learning

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**math wall for kindergarten: Engaging Young Children in Mathematics** Douglas H. Clements, Julie Sarama, 2004 Engaging Young Children in Mathematics: Standards for Early Childhood Mathematics Education brings together the combined wisdom of a diverse group of experts involved with early childhood mathematics. The book originates from the landmark 2000 Conference on Standards for Pre-kindergarten and Kindergarten Mathematics Education, attended by representatives from almost every state developing standards for young children's mathematics; federal government officials; mathematicians; mathematics educators; researchers from mathematics education, early childhood education, and psychology; curriculum developers; teachers; policymakers; and professionals from organizations such as the National Conference of Teachers of Mathematics and the National Association for the Education of Young Children. The main goal of the Conference was to work collectively to help those responsible for framing and implementing early childhood mathematics standards. Although it has its roots in the Conference, the expanded scope of the standards and recommendations covered in this book includes the full range of kindergarten to grade 2. The volume is organized into two main parts and an online appendix (<http://www.gse.buffalo.edu/org/conference/>). Part One, Major Themes and Recommendations, offers a framework for thinking about pre-kindergarten - grade 2 mathematics education and specific recommendations. Part Two, Elaboration of Major Themes and Recommendations, provides substantive detail regarding young students' understandings of mathematical ideas. Each Part includes five parallel subsections: Standards in Early Childhood Education; Math Standards and Guidelines; Curriculum, Learning, Teaching, and Assessment; Professional Development; and Toward the Future: Implementation and Policy. As a whole the book:

- \* presents comprehensive summaries of research that provide specific guidelines for standards, curriculum, and teaching;
- \* takes the recent reports and recommendations for early childhood mathematics education to the next level;
- \* integrates practical details and research throughout; and
- \* provides a succinct, but thorough review of research on the topics, sequences, and learning trajectories that children can and should learn at each of their first years of life, with specific developmental guidelines that suggest appropriate content for each topic for each year from 2-year-olds to 7-year-olds. This is an indispensable volume for mathematics educators, researchers, curriculum developers, teachers and policymakers, including those who create standards, scope and sequences, and curricula for young children and professional teacher development materials, and students in mathematics education, early childhood trainers, teacher educators, and faculty in mathematics education.

**math wall for kindergarten: In the Shadows of a Fallen Wall** Sanford Tweedie, 2013-05-01 Growing up, what Sanford Tweedie knew about East Germany was basically . . . nothing. West Germans were our friends; East Germans, the enemy. In 2000, somewhat better informed, Tweedie took advantage of a Fulbright Scholarship to move his family to the eastern German town of Erfurt for the academic year. Far from home and the familiar, with temporary status and a tenuous grasp of the language, he and his wife were curious to see how they would function shorn of all the rules that

governed their daily lives—housing, food acquisition, transportation, and even basic communication. As soon as their taxi delivered them to their grim tan and concrete Soviet-vintage apartment building, they knew their education had begun. Learning about life in the former East Germany, amid the feverish embrace of Western culture and the tenacious legacy of a totalitarian past, Tweedie comes to understand the deeper cultural assumptions through which Americans view the larger world. Part travelogue, part history, part cultural critique, all thoroughly engrossing, the story of his yearlong experience is one of dislocation and accommodation, making a German town his own and now ours.

**math wall for kindergarten: Resisting the Kinder-Race** Christopher P. Brown, 2021 This book explores how the current process of schooling that frames public education through economic rather than democratic terms is fundamentally flawed, why it must change, and how all members and participants within the early childhood and elementary school communities must be a part of the reform process. The work is based on the author's recent studies of stakeholders' in the changed kindergarten as well as earlier studies examining the impact of reforms on classrooms, pre and in-service teachers, students, families, administrators, teacher educators, and other education stakeholders. By examining these issues empirically, practically, and theoretically, the author illuminates the complexity of what is currently occurring in kindergarten and other early childhood classrooms across the U.S. Then, Brown skillfully puts forward ideas for change that are practical and achievable in developing systems of schooling that can educate, foster, and sustain a democratic society--

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