

Math Support Book Collection



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Math Support Collection

Math is more than just numbers on a page—it's a way of seeing the world! This book collection encourages children to discover the math that surrounds them every day, turning moments of play, learning, and daily routine into opportunities for exploration and problem-solving. Through engaging stories and real-life photo prompts, readers will follow characters like Amy as she builds confidence in her math abilities and learn how concepts like estimation, geometry, patterns, and arrays are all around us.

This collection includes interactive read-alouds and visually rich books designed to spark curiosity and conversation. Whether identifying shapes in buildings, estimating snack quantities, or exploring fractions at the dinner table, kids will begin to understand that math is not just for the classroom—it's everywhere! With themes of growth mindset, perseverance, and joy in discovery, this kit supports math confidence and connection in every learner.

Grade Level

Students and Educators
K - 8th

Reading Level

Beginner - Intermediate



Contents of Kit

- **Let's Explore Math by Alice Aspinall & Alexandria Masse**

Amy is a spunky fifth grader who continues to doubt her mathematical abilities. Her friends, Johnathan, Miles, and Luciana, support and encourage her to work through the struggles and reach her math potential.

- **Everyone Can Learn Math by Alice Aspinall & Alexandria Masse**

Everyone Can Learn Math follows Amy, a fifth-grader who struggles with math and feels like giving up—until real-life experiences and encouragement from her community help her understand that persistence and practice make all the difference. This uplifting story empowers young readers to build confidence and embrace challenges in learning math.

- **Look for the Math Around You: Estimation by Alice Aspinall**

Look for the Math Around You: Estimation uses real-life photos and prompts to spark math conversations with children, helping them practice everyday estimation skills. Encourages kids to notice and engage with math in their daily lives.

- **Look for the Math Around You: Fractions by Alice Aspinall**

Look for the Math Around You: Fractions uses real-life photos and question prompts to help children explore how fractions appear in everyday life. Ideal for home or classroom use, it encourages kids to engage with math in fun and relatable ways.

- **Look for the Math Around You: Arrays by Alice Aspinall**

Look for the Math Around You: Arrays features real-life photos and prompts to help children recognize arrays in everyday settings. By exploring rows and columns, kids build foundational skills for understanding addition, multiplication, and division.

- **Look for the Math Around You: Geometry by Alice Aspinall**

Look for the Math Around You: Geometry uses real-life photos and prompts to help children spot shapes, lines, and angles in their everyday surroundings. This engaging book encourages kids to connect classroom geometry concepts with the world around them.

- **Look for the Math Around You: Patterns by Alice Aspinall**

Look for the Math Around You: Patterns uses real-life photos and prompts to help children spot patterns in everyday life—from nature to clothing. It encourages kids to connect these patterns to math concepts like patterning and early algebra.

- **Look for the Math Around You: Math Chats by Alice Aspinall**

Look for the Math Around You: Math Chats uses real-life photos and prompts to spark everyday math conversations with children. It encourages kids to connect math to their daily lives and develop a love for the subject through meaningful, relatable experiences.



Learning Extensions

STEAM Connections: Math

Learning Objectives:

- Develop confidence in math by discovering everyday applications in play, routines, and real-life situations.
- Understand and apply key math concepts, including estimation, geometry, patterns, arrays, and fractions.
- Strengthen problem-solving skills using growth mindset strategies like perseverance and teamwork.
- Improve math communication through discussions prompted by engaging stories and photo prompts.

Career Connections:

- **Mathematician:** Using logical reasoning and patterns to solve complex problems.
- **Architect:** Applying geometry and spatial thinking to design buildings and spaces.
- **Statistician/Data Analyst:** Using estimation and fractions to interpret data and inform decisions.
- **Teacher/Educator:** Encouraging mathematical thinking and a growth mindset in learners.
- **Engineer:** Using arrays, measurements, and patterns to create functional designs and systems.

Essential Employability Skills:

- Critical Thinking & Problem Solving
- Growth Mindset & Perseverance
- Communication & Collaboration
- Observation & Inquiry
- Creativity & Innovation
- Numeracy & Mathematical Literacy



Resources and Accessibility

Safety Guidelines

- **Avoid Food and Drinks Near Books** - Encourage clean, dry reading areas to prevent spills, stains, or water damage.
- **Handle Books Gently** - Model how to turn pages carefully, avoid bending spines, and store books upright or flat.
- **Use Clean Hands** - Have students wash or sanitize hands before handling shared books to keep materials in good condition.
- **Designate a Safe Storage Spot** - Store books in a sturdy, dry, and clearly labeled bin or tote to protect them from wear and tear between uses.

Accessibility

- **Use Book Stands or Holders** - Provide angled book holders or clipboards to support independent reading for students with mobility or motor challenges.
- **Pair Audio with Print** - Use audiobooks or teacher-read recordings when available to support students with reading disabilities or visual impairments.
- **Incorporate Read-Alouds and Peer Reading** - Offer opportunities for shared or buddy reading to help students who benefit from auditory learning or support with decoding.
- **Offer Visual Aids and Discussion Prompts** - Supplement books with images, models, or key vocabulary cards to reinforce understanding and engagement.

Library Catalog



Library Resources



Feedback

QR to feedback survey

