



# Investigations

in Number, Data, and Space®

## Children's Literature in Grades K-2

In the second edition of *Investigations*, a selection of children's literature relating to the mathematical content of a specific unit is included in every Family Letter. These books are offered as one of the ways that families can support their child's mathematical experiences at home. Many teachers also like to display a selection of these books on the classroom bookshelf over the course of the unit. In Kindergarten-Grade 2, occasionally a book is suggested as part of a math lesson and several titles are suggested to the teacher. The use of literature is offered as a suggestion for introducing an idea or activity and is thus considered an optional material rather than the centerpiece of a math lesson.

**The following is a list of Kindergarten units that include suggestions for using children's literature.**

**Unit 2, *Counting and Comparing***, suggests using a book about a character with a very long name. Suggestions include *Chrysanthemum* by Kevin Henkes, *Rumpelstiltskin* by Paul O. Zelinsky or Jacob Grimm or *Tikki Tikki Tembo* by Arlene Mosel (optional)

**Unit 3, *What Comes Next?***, suggests using a book about observing such as *I Am Eyes \* Ni Macho*; *Brown Bear, Brown Bear, What Do You See?*; or *I Went Walking* (optional)

**Unit 4, *Measuring and Counting***, suggests using a book about shoes. Suggestions include *Shoes, Shoes, Shoes* by Ann Morris; *Shoes* by Elizabeth Winthrop; *New Shoes for Sylvia* by Johanna Hurwitz; *Shoes Like Miss Alice's* by Angela Johnson; or *A Pair of Red Clogs* by Masako Matsuno (optional)

**Unit 5, *Make a Shape, Build a Block***, suggests using a book about pennies. Suggestions include *Benny's Pennies* by Pat Brisson; *A Chair for My Mother* by Vera Williams (also available in Spanish); and *Penny* by Jeffrey Patnaude (optional)

**Unit 7, *Sorting and Surveys***, suggests using a book about lunch. Suggestions include: *This Is the Way We Eat Our Lunch: A Book about Children Around the World* by Edith Baer, *Lunch* by Denise Fleming, and *School Lunch* by True Kelley (optional)

**The following is a list of children's literature that appears in the Kindergarten Family Letters.**

Aber, Linda Williams. *Grandma's Button Box*. (Math Matters Series.)

Angelou, Maya. *My Painted House, My Friendly Chicken, and Me*.

Anno, Mitsumasa. *Anno's Counting Book*.

Baer, Edith. *This is the Way We Eat Our Lunch*.

Bang, Molly. *Ten, Nine, Eight*.

Burns, Marilyn. *The Greedy Triangle*.

Chocolate, Debbi. *Kente Colors*.

Crews, Donald. *Ten Black Dots*. (Available in Spanish)

Dale, Penny. *Ten in Bed*.  
 Deitz Shea, Pegi, Cynthia Weill and Pahn Viet-Dinh. *Ten Mice for Tet!*  
 Dodds, Dayle Ann. *The Shape of Things*.  
 Dunbar, Joyce. *Ten Little Mice*.  
 Ehlert, Lois. *Color Zoo*.  
 Ehlert, Louise. *Fish Eyes*.  
 Emberley, Rebecca. *My Numbers/Mis Numeros*.  
 Falwell, Cathryn. *Feast for 10*.  
 Falwell, Cathryn. *Shape Space*.  
 Grossman, Virginia. *Ten Little Rabbits*.  
 Harris, Trudy. *Pattern Bugs*.  
 Harris, Trudy. *Pattern Fish*.  
 Hoban, Tana. *Count and See*.  
 Hoban, Tana. *Shapes, Shapes, Shapes*.  
 Keenan, Sheila. *More or Less a Mess*.  
 Krebs, Laurie. *We All Went On Safari: A Counting Journey Through Tanzania*.  
 Lionni, Leo. *A Busy Year*.  
 Lionni, Leo. *Inch by Inch*.  
 Martin, Bill. *Chicka Chicka 1, 2, 3*.  
 Martin, Jr. Bill, and John Archambault. *Chicka Chicka Boom Boom*.  
 Metropolitan Museum of Art. *Museum 123*.  
 Mora, Pat. *Uno, Dos, Tres, One, Two, Three*.  
 Moss, Lloyd. *Zin! Zin! Zin! A Violin*.  
 Murphy, Stuart J. *Animals on Board*.  
 Murphy, Stuart. *The Best Vacation Ever*.  
 Murphy, Stuart J. *Monster Musical Chairs*.  
 Peek, Merle. *Roll Over! A Counting Song*.  
 Pluckrose, Henry Arthur. *Math Counts: Sorting*.  
 Reid, Margarete S. *The Button Box*.  
 Rogers, Paul. *The Shapes Game*.  
 Roth, Susan L. *My Love for You All Year Round*.  
 Russo, Marasabina. *The Line Up Book*.  
 Sloat, Teri. *From One to One Hundred*.  
 Swinburne, Stephen R. *Lots and Lots of Zebra Stripes: Patterns in Nature*.  
 Turpin, Lorna. *The Sultan's Snakes*.  
 Walsh, Ellen Stoll. *Mouse Count*.  
 Walton, Rick. *How Many, How Many, How Many*.  
 Wormell, Christopher. *Teeth, Tails & Tentacles: An Animal Counting Book*.

**The following is a list of Grade 1 units that include suggestions for using children's literature.**

**Unit 1, *How Many of Each?***, suggests using a book with the mathematical structure  $1 + 2 + 3 + 4 + 5$ . Suggestions include *Rooster's Off to See the World*, *The Very Hungry Caterpillar*, *1 Hunter*, *One Gorilla*, *My Little Sister Ate One Hare*, *P Bear's New Year's Party*, *Dinner at the Panda Palace*. (optional)

**Unit 9, *Blocks and Boxes***, suggests using books about houses in other cultures or other interesting buildings. Suggestions include *My Painted House*, *My Friendly Chicken*, and *Me*, by Maya Angelou; *This is My House*, by Arthur Dorros; *Round Buildings, Square Buildings, and Buildings that Wiggle Like a Fish*, by Phillip Isaacson; *Houses and Homes Around the World*, by Josephine Karavasil; *Houses and Homes*, by Ann Morris (optional)

**The following is a list of children’s literature that appears in the Grade 1 Family Letters.**

Aker, Suzanne. *What Comes in 2’s, 3’s, and 4’s?*  
Angelou, Maya. *My Painted House, My Friendly Chicken and Me.*  
Anno, Mitsumasa. *Anno’s Counting Book.*  
Anno, Mitsumasa. *Anno’s Counting House.*  
Baer, Edith. *This Is the Way We Eat Our Lunch.*  
Bang, Molly. *Ten, Nine, Eight.* (Available in Spanish)  
Barton, Byron. *Building a House.*  
Bogart, Jo Ellen. *Ten for Dinner.*  
Briggs, Raymond. *Jim and the Beanstalk.*  
Burningham, John. *Would You Rather...*  
Burns, Marilyn. *The Greedy Triangle.*  
Carle, Eric. *Rooster’s Off to See the World.*  
Cooper, Jason. *Skyscrapers: Man-Made Wonders.*  
Crews, Donald. *Ten Black Dots.* (Available in Spanish)  
Crosbie, Michael and Rosenthal, Steve. *Architecture, Shapes.*  
Dale, Penny. *Ten in Bed.*  
DeRubertis, Barbara. *Count on Pablo.* (Math Matters Series.)  
Dorros, Arthur. *This Is My House.*  
Duke, Kate. *Twenty is Too Many.*  
Ehlert, Louise. *Fish Eyes.*  
Emberley, Rebecca. *My Numbers Mis Numeros.*  
Falwell, Cathryn. *Feast for Ten.*  
Felix, Monique. *The House.*  
Friedman, Aileen. *A Cloak for the Dreamer.*  
Gauch, Patricia Lee. *Christina Katerina and the Box.*  
Grossman, Bill. *My Little Sister Ate One Hare.*  
Grossman, Virginia and Sylvia Long. *Ten Little Rabbits.*  
Hamm, Diane Johnson. *How Many Feet in the Bed?*  
Harris, Trudy. *100 Days of School.*  
Hoban, Tana. *Cubes, Cones, Cylinders, & Spheres.*  
Hoban, Tana. *Shapes, Shapes, Shapes.*  
Jonas, Ann. *The Quilt.*  
Jonas, Ann. *Splash.*  
Karavasil, Josephine. *Houses and Homes Around the World.*  
Kassirer, Sue. *What’s Next, Nina?* (Math Matters Series.)  
Kushkin, Karla. *The Philharmonic Gets Dressed.*  
Lionni, Leo. *Inch by Inch.*  
Lobel, Arnold. “A Lost Button,” in *Frog and Toad Are Friends.*  
McBratney, Sam. *Guess How Much I Love You.*  
Merriam, Eve. *12 Ways to Get to 11.*  
Metropolitan Museum of Art. *Museum Shapes.*

Micklethwait, Lucy. *I Spy Two Eyes: Numbers in Art*.  
 Mora, Pat. *Uno, Dos, Tres, One, Two, Three*.  
 Morris, Ann. *Houses and Homes*.  
 Murphy, Stuart J. *Animals on Board*.  
 Murphy, Stuart. *The Best Vacation Ever*.  
 Murphy, Stuart J. *Super Sand Castle Saturday*.  
 Onyefulu, Ifeoma. *Emeka's Gift: An African Counting Story*.  
 Paul, Ann Whitford. *Eight Hands Round: A Patchwork Alphabet*.  
 Peek, Merle. *Roll Over! A Counting Song*.  
 Peterson, John Lawrence. *The Littles*.  
 Pluckrose, Henry. *Math Counts: Length*.  
 Pluckrose, Henry. *Math Counts: Numbers*.  
 Pluckrose, Henry. *Math Counts: Pattern*.  
 Pluckrose, Henry. *Math Counts: Sorting*.  
 Polacco, Patricia. *The Keeping Quilt*.  
 Rau, Dana Meachen. *A Box Can Be Many Things*.  
 Reid, Margarette S. *The Button Box*.  
 Rockwell, Anne F. *100 School Days*.  
 Rogers, Paul. *The Shapes Game*.  
 Russo, Marisabina. *The Line Up Book*.  
 Schlein, Miriam. *More Than One*.  
 Schwartz, David. *If You Hopped Like a Frog*.  
 Slater, Teddy. *98, 99 . . . Ready or Not, Here I Come!*  
 Sloat, Teri. *From One to One Hundred*.  
 Stevenson, Robert Louis. *Block City*.  
 Sturges, Philemon. *Ten Flashing Fireflies*.  
 Tang, Greg. *Math for All Seasons*.  
 Tang, Greg. *Math-terpieces*.  
 Tang, Greg. *Math Appeal*.  
 Turpin, Lorna. *The Sultan's Snakes*.  
 Walton, Rick. *One More Bunny: Adding From One to Ten*.  
 Wells, Rosemary. *Emily's First 100 Days of School*.  
 Zaslavsky, Claudia. *Count on Your Fingers African Style*.  
 Zelter, Patricia. *The Wonderful Tower of Watts*.

**The following is a list of Grade 2 units that include suggestions for using children's literature.**

**Unit 1, *Counting, Coins and Combinations***, suggests using the book *Two of Everything: A Chinese Folktale* by Lily Hong (optional)

**Unit 9, *Measuring Length and Time***, suggests using the book *How Big Is a Foot?* by Rolf Myller (optional)

**The following is a list of children's literature that appears in the Grade 2 Family Letters.**

Adams, Barbara Johnston. *The Go-Around Dollar*.  
 Axelrod, Amy. *Pigs Will Be Pigs*.  
 Barabas, Kathy. *Let's Find Out About Money*.

Baer, Edith. *This Is The Way We Go To School*.  
 Burns, Marilyn. *The Greedy Triangle*.  
 Burningham, John. *Would You Rather?*  
 Clement, Rod. *Counting on Frank*.  
 Crampton, William G. *Flag*. Eyewitness Guides.  
 Cribb, Joe. *Money*. Eyewitness Guides.  
 Cristaldi, Kathryn. *Even Steven and Odd Todd*.  
 DeRubertis, Barbara. *A Collection for Kate*.  
 DeRubertis, Barbara. *Count on Pablo*. (Math Matters Series.)  
 DeRubertis, Barbara. *Deena's Lucky Penny*. (Math Matters Series.)  
 Emberley, Ed. *Ed Emberley's Picture Pie: A Circle Drawing Book*.  
 Friedman, Aileen. *A Cloak for the Dreamer*.  
 Friedman, Aileen. *The King's Commissioners*.  
 Giganti, Paul Jr. *How Many Snails?*  
 Grossman, Bill. *My Little Sister Ate One Hare*.  
 Hamm, Diane Johnson. *How Many Feet in the Bed?*  
 Harper, Dan. *Telling Time with Big Mama Cat*.  
 Haskins, Jim. *Count Your Way Through Japan*.  
 Hoban, Tana. *26 Letters and 99 Cents*.  
 Hoban, Tana. *Shapes, Shapes, Shapes*.  
 Holtzman, Caren. *A Quarter from the Tooth Fairy*.  
 Hong, Lily Toy. *Two of Everything*.  
 Hulme, Joy N. *Sea Sums*.  
 Hutchins, Pat. *Clocks and More Clocks*.  
 Hutchins, Pat. *The Doorbell Rang*.  
 Jenkins, Steve. *Biggest, Strongest, Fastest*.  
 Jocelyn, Marthe. *Hannah's Collection*.  
 Jonas, Ann. *Splash*.  
 Jones, Carol. *What's the Time, Mr. Wolf*  
 Kaczman, James. *When a Line Bends...A Shape Begins*.  
 Kassirer, Sue. *What's Next, Nina?* Math Matters Series.  
 Keenan, Sheila. *What Time Is It?*  
 Leedy, Loreen. *Fraction Action*.  
 Leedy, Loreen. *Measuring Penny*.  
 Lionni, Leo. *Inch by Inch*.  
 Llewellyn, Claire. *My First Book of Time*.  
 Long, Lynette. *Domino Addition*.  
 Mahy, Margaret. *17 Kings and 42 Elephants*.  
 McMillan, Bruce. *Eating Fractions*.  
 Merriam, Eve. *12 Ways to Get to 11*.  
 Murphy, Stuart J. *Beep Beep, Vroom Vroom*.  
 Murphy, Stuart J. *The Best Vacation Ever*.  
 Murphy, Stuart J. *A Fair Bear Share*.  
 Murphy, Stuart J. *Let's Fly a Kite*. (Math Start Series.)  
 Murphy, Stuart J. *Game Time!*  
 Murphy, Stuart J. *Give Me Half!*  
 Murphy, Stuart J. *The Penny Pot*.  
 Murphy, Stuart J. *Super Sand Castle Saturday*.  
 Myller, Rolf. *How Big Is a Foot?*

Neuschwander, Cindy. *Sir Cumference and the First Round Table*.  
Ochiltree, Dianne. *Bart's Amazing Charts*.  
Penner, Lucille Recht. *Clean-Sweep Campers*. (Math Matters Series.)  
Pinczes, Elinor J. *One Hundred Hungry Ants*.  
Pittman, Helena Clare. *Counting Jennie*.  
Pluckrose, Henry. *Math Counts: Length*.  
Pluckrose, Henry. *Math Counts: Shape*.  
Pluckrose, Henry. *Math Counts: Time*.  
Richards, Kitty. *It's About Time, Max!* (Math Matters Series.)  
Rocklin, Joanne. *The Case of the Missing Birthday Party*. (OUT OF PRINT)  
Rockwell, Anne F. *100 Days of School*.  
Schlein, Miriam. *More Than One*.  
Schultz, Charles M. *How to Draw Peanuts*.  
Schwartz, David M. *If You Hopped Like a Frog*.  
Singer, Marilyn. *Nine O'Clock Lullaby*.  
Sloat, Teri. *From One to One Hundred*.  
Sturges, Philemon. *Ten Flashing Fireflies*.  
Tang, Greg. *The Grapes of Math*.  
Tang, Greg. *Math-terpieces*.  
Viorst, Judith. *Alexander Who Used to Be Rich Last Sunday*.  
Walton, Rick. *Bunny Day: Telling Time From Breakfast to Bedtime*.  
Watts, Barrie. *How They Grow Series*.  
Wiesner, David. *Tuesday*.  
Williams, Rozanne Lanczak. *The Coin Counting Book*.  
Zimelman, Nathan. *How the Second Grade Got \$8,205.50 to Visit the Statue of Liberty*.