



**WACO ISD EDUCATION FOUNDATION  
COVER SHEET – PART II  
Application for Grant:  
2025-2026 Funding Cycle**

**Assigned Grant Proposal #:** \_\_\_\_\_

**Project Title:** \_\_\_\_\_

**Grade Level(s):** \_\_\_\_\_ **# of Students DIRECTLY involved:** \_\_\_\_\_

**Subject Area(s):** \_\_\_\_\_

**Amount Requested: \$** \_\_\_\_\_

**Grant Focus Area(s):** In order to be considered, Waco Education Foundation Innovation Grant proposals must fall under one or more of the E4 focus areas: early childhood development, enhanced programming for advanced students, extended education for staff, and emphasis on student performance. NOTE: In addition to meeting one of the E4 focus areas above, grant readers are especially interested in creative and innovative grant requests that target fine arts, STEM, literacy, or enrichment.

**(check all that apply)**

Early Childhood Development

Enhanced Programming for Advanced Students

Fine Arts

Literacy

Extended Education for Staff

Emphasis on Student Performance

STEM

Enrichment

## Proposal #27

### Number Tales: Where Math Comes Alive

Project Description: Picture books offer a captivating entry point into the world of math, especially for young learners. Using books to introduce a math concept not only engages students, but also connects mathematical ideas to the real world. Math picture books offer a powerful way to integrate math and literacy learning. With this project, students will be exposed to math concepts through reading, have opportunities to think critically about problems, and become more confident in facing real world math problems.

Rationale: “Number Tales: Where Math Comes Alive” puts emphasis on student achievement. Many students find math word problems challenging. A well-chosen math picture book can pique students’ interest in a mathematical concept, making it feel less abstract and more relatable. Goal 1 in our campus improvement plan is “Increase student achievement for all students.” This project will assist with increasing student achievement in math and reading. Math problems often present a narrative, a mini-story with characters, actions, and a question to be answered. The ability to comprehend and analyze a narrative is a skill necessary for both reading and math.

Goals: The goal of this project is to encourage students to think critically about math concepts and expose students to real world math problems. Students will have opportunities to discuss ways to solve problems that are presented in the text as well as compare their solutions to other students’ solutions and solutions presented in the text. Using real world problems will assist with students visualizing a problem and identifying a solution. Visualizing is a necessary skill for success in math problem solving.

Plan of Operation: Each book included in this project will correspond to a second grade math standard/unit.

Beginning in August and into September, the first four weeks of school will be all about place value, comparing and ordering numbers, and distinguishing between even and odd numbers. To help students

understand the value of a number, the unit will begin with How Much is a Million? This book will show the students just how big or small a number can be. Place Value will be used for reinforcing place value when problem solving. Students will compare and order numbers alongside the characters in Fair Bear Share and More or Less. Finally in this unit, students will see how even and odd numbers are used in daily life with the books One Odd Day and My Even Day.

Our next unit begins in September and continues for 3 weeks into October. In this unit, students will add and subtract using doubles and near-doubles, making tens, understanding fact families, and more. The perfect book to begin this unit is One is a Snail, Ten is a Crab. This book will lead students through a hands-on activity of finding all the ways to make ten and more using the number of feet on each animal character in the book. Students will solve problems with the characters in Elevator Magic, Two of Everything, If You Were a Plus Sign, If You Were a Minus Sign, and Pigeon Math.

The next four weeks of October and November will be our problem solving unit. To encourage creative problem solving, we would use Math-terpieces: The Art of Problem Solving to begin the unit. Throughout the unit, we will explore other real word problem situations using The Grapes of Math, 100 Mighty Dragons All Named Broccoli, and Shark Swimathon.

During the three weeks in December before our break, we will be learning about data analysis. Lemonade for Sale: Bar Graphs provides a great opportunity for students to create graphs and solve problems using those graphs. The Great Graph Contest provides examples of how students organize data in different ways. Students will participate in a graph contest similar to the one in the book.

When we return to school in January, we will begin our money unit. The Penny Pot provides real world problem solving that students can complete using coins. The Coin Counting Book and Money Counting Book will

provide students with real word problems and opportunities to show more than one way to show a specific amount of money.

Our geometry unit is during the next three weeks of January and February. Have You Seen My Monster? and Round is a Tortilla are engaging books to introduce students to shapes in the real world. For problem solving with shapes and their attributes, we will read The Greedy Triangle.

Our fraction unit begins next for three weeks in February and March. Whole-y Cow Fractions are Fun is full of fractions that students would experience on a daily basis. The Perfect Square gives many examples and non-examples of fractions and will provide students with opportunities to create examples and non-examples of fractions. Finally, The Hershey's Milk Chocolate Fraction Book will provide a hands-on fraction adventure.

For the last 3 weeks of March, we will be learning how to tell time to the hour, half hour, quarter hour, and minute. Students will solve problems that are presented in the book Pigs on a Blanket. Other books that provide opportunities for students to solve real world problems include Telling Time and It's About Time!

Our measurement unit in April would begin with How Tall? Wacky Ways to Compare Height. Students would participate in a hands-on measurement activity with the book. Inch by Inch is a book that will help students solve problems as we transition from nonstandard units to standard units.

Communication and Dissemination: Foundation members would be invited to observe a math lesson using one of the purchased books. I will request to present my grant at Waco ISD's Elementary Literacy and Math Cohort meeting. This would allow teachers from other elementary campuses to benefit from the ideas and success of this project.

Evaluation: Success would be measured through students' ability to visualize math problems and think through ways to solve them. Success would look like student confidence in solving problems and thinking

critically, more students meeting and mastering grade level expectations on assessments, and less frustration during math instruction.

Long Term Implications: The books will be kept in a second grade classroom and be available for 2nd grade teachers to use with their classrooms year after year.

Key Personnel: 2nd grade teachers will use these books to introduce a math concept, engage students in problem solving, and reinforce the use of math in the real world.

Budget and Budget Narrative/Justification: This project aims to provide 2nd grade students with books that offer engaging, real-world math problem solving practice across diverse concepts. These resources would be a valuable, long-term investment, benefiting students for years to come.

# Waco Education Foundation

## Grant Budget Form

Assigned Proposal #	27
Project Title:	Number Tales: Where Math Comes Alive
Number of Students Served by Grant:	80

Qty	Budget Item	Verify Vendor (Y or N)	\$ Requested from the WISD Foundation	Other Secured Source	\$ from Other Source (if applicable)	Total Amount
<b>Consumable Supplies</b>						
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
total Consumable Supplies			\$ -		\$ -	\$ -
<b>Technology</b>						
						\$ -
						\$ -
total Technology			\$ -		\$ -	\$ -
<b>Long-Term Supplies / Equipment</b> (items that will last beyond the grant year)						
1	Elevator Magic by Stuart Murphy	Y	\$ 5.59			\$ 5.59
1	One is a Snail, Ten is a Crab	Y	\$ 6.79			\$ 6.79
1	Just a Little Bit by Ann Tompert	Y	\$ 7.99			\$ 7.99
1	Inch by Inch by Leo Lionni	Y	\$ 8.36			\$ 8.36
1	Two of Everything by Lily Toy Hong	Y	\$ 9.99			\$ 9.99
1	Have You Seen My Monster? By Steve Light	Y	\$ 15.29			\$ 15.29
1	The Greedy Triangle by Marilyn Burns	Y	\$ 6.70			\$ 6.70
1	Round is a Tortilla by Rosanne Thong	Y	\$ 7.43			\$ 7.43
1	One Odd Day by Doris Fisher	Y	\$ 10.81			\$ 10.81
1	My Even Day by Doris Fisher	Y	\$ 8.90			\$ 8.90

1	The Penny Pot by Stuart Murphy	Y	\$ 6.72			\$ 6.72
1	Telling Time by David Adler	Y	\$ 8.99			\$ 8.99
1	Whole-y Cow! Fractions are Fun!	Y	\$ 13.75			\$ 13.75
1	Lemonade for Sale: Bar Graphs	Y	\$ 7.19			\$ 7.19
1	Place Value by Steven Adler	Y	\$ 8.99			\$ 8.99
1	More or Less by Stuart Murphy	Y	\$ 12.93			\$ 12.93
1	Pigeon Math by Asia Citro	Y	\$ 14.97			\$ 14.97
1	The Grapes of Math by Greg Tang	Y	\$ 5.99			\$ 5.99
1	100 Mighty Dragons All Named Broccoli	Y	\$ 15.46			\$ 15.46
1	Balancing Bears: Comparing Numbers	Y	\$ 6.97			\$ 6.97
1	The Hershey's Milk Chocolate Fraction Book	Y	\$ 2.25			\$ 2.25
1	Perfect Square by Michael Hall	Y	\$ 11.69			\$ 11.69
1	Shark Swimathon by Stuart Murphy	Y	\$ 6.39			\$ 6.39
1	How Much is a Million? By David M. Schwartz	Y	\$ 9.59			\$ 9.59
1	If You Were a Plus Sign	Y	\$ 6.70			\$ 6.70
1	If You Were a Minus Sign	Y	\$ 7.95			\$ 7.95
1	A Fair Bear Share by Steven Murphy	Y	\$ 5.59			\$ 5.59
1	Pigs on a Blanket by Amy Axelrod	Y	\$ 9.79			\$ 9.79
1	The Great Graph Contest by Loreen Leedy	Y	\$ 7.99			\$ 7.99
1	Math-terpieces: The Art of Problem Solving	Y	\$ 11.26			\$ 11.26
1	The Coin Counting Book	Y	\$ 8.09			\$ 8.09
1	It's About Time!	Y	\$ 5.59			\$ 5.59
1	Money Counting Book	Y	\$ 9.99			\$ 9.99
1	How Tall? Wacky Ways to Compare Height	Y	\$ 9.29			\$ 9.29
total Long-Term Supplies			\$ 301.27		\$ -	\$ 301.27
<b>Contracted Services</b>						
						\$ -
						\$ -
total Contracted Services			\$ -		\$ -	\$ -
<b>Personnel</b>						
						\$ -
						\$ -

total Personnel		\$	-		\$	-	\$	-
<b>Travel / Other</b>								
	Shipping						\$	180.00
							\$	-
							\$	-
							\$	-
total Other		\$	180.00		\$	-	\$	180.00
<b>Totals</b>		<b>Total Requested from the WISD Foundation</b>		<b>Foundation Cost Per Student</b>		<b>Total from Other Sources</b>		<b>Total Cost of Project</b>
		\$ 481.27		6.015875		\$ -		\$ 481.27