

LEARNING OBJECTIVES

Young students will learn math skills such as counting, operations, geometry, and place value. Older students will learn operations that involve fractions, exponents, and more advanced place value.



Amazing Math Wizards

Math Wizardry!

ABOUT THE PROGRAM

The Amazing Math Wizards take students in grades Pre-K-5 on an exciting musical journey through Story Land where they explore math concepts tailored to the grade level. Skills based on Common Core Standards are taught through music, stories, puppets, and lots of audience participation by internationally renowned harpist Wendy Kerner and professional educator/storyteller Monica Peterson.

Participation in the program engages the students and teaches life skills such as cooperative problem solving, learning from mistakes, and experimentation. The Amazing Math Wizards entertain while helping to teach these important math concepts.





About the Artist & Program Preparations

PRE-VISIT

Grades PreK-3: Read a version of the story "Rapunzel." Prepare students to observe ways in which the Amazing Math Wizards' story "Rapunzel and the Shapes," is the same/different. Which one do they prefer? Why?

Grades 4-5: Read a version of "Little Red Riding Hood." Prepare students to look for ways in which the Amazing Math Wizard's version is the same/ different. Which one do they prefer? Why?

POST PROGRAM

K-1: Bingo gave the Magical Math Dragon 3 books as a present. Kitty gave him 1 more. How many books does the Magical Math Dragon have now?

There were 4 candles on the birthday cake. Porky put two more on it. How many candles are there altogether?

There were 16 animals/people at the Magical Math Dragon's party. If 3 more guests arrived, how many guests would there be at the party altogether?

Students, create your own word problem.

2-3: Kitty brought the Magical Math Dragon 5 books. She drew 2 mice on the inside cover of each book. How many mice did she draw altogether?

The friends need chairs so that they can sit at the table to eat the Magical Math Dragon's birthday cake. Create your own word problem.

POST PROGRAM

The Magical Math Dragon's cave has 3 rooms. Each room has 2 chairs in it. How many chairs are in the cave altogether? If there are 16 animals/people at the party how many will not get a chair to sit on?

If only 6 animals/people were able to attend the party (Ducksy, Porky, Bingo, Kitty, Magical Math Dragon, and an Amazing Math Wizard) and each one ate three pieces of cake, how many pieces of cake were eaten?

4-5: If Red Riding Hood promised to bring Grandma 10 to the 6th power cupcakes on her next visit, how many cupcakes is that? Is this a reasonable promise to make?

If Grandma gave the wolf .099 acres of land on which to grow vegetables (so that he doesn't have to try to eat anyone ever again), and she gave Red Riding Hood .222 acres, to whom did she give the greater piece of land?

If Porky the Pig has a jar with $\frac{5}{6}$ of a cup of sprinkles and another jar with $\frac{3}{8}$ of a cup, how many cups of sprinkles does he have?

The Magical Math Dragon had $\frac{1}{2}$ of a cake left in his refrigerator, but Porky snuck in and ate $\frac{3}{5}$ of it. How much of the original cake did Porky consume?

COMMON CORE MATH STANDARDS

This program draws upon many standards. For standards as they relate to a specified grade level, please contact Education Manager Alex Novak Foster anovak@aflct.org.

The Amazing Math Wizards entertain while helping to teach these important math concepts to young students!



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