

MATH MAKES ME SING
2nd Grade Program
Inspired by Jon Scieszka's Math Curse

“Music Makes Me Sing” *MusicK8 Vol.15#4*

INTRO: You know, you can think of almost everything as a math problem. (1/2 say it)
And you can find a song to solve every problem! (1/2 say it)
So welcome to our music program tonight about math! (all say it in unison)

“I Love the Math/Music” *Greg Gilpin*

TIME: I wake up at 7:15.
It takes me 10 minutes to get dressed,
15 minutes to eat my breakfast,
and 1 minute to brush my teeth.
Suddenly, I have a problem:
If my bus leaves at 8:00, will I make it on time?
How many minutes in 1 hour?
How many teeth in 1 mouth?

“Rock Around the Clock” *Hal Leonard's Get America Singing Again*

MEASUREMENT: I take the milk out for my cereal and wonder:
How many quarts in a gallon?
How many pints in a quart?
How many inches in a foot?
How many feet in a yard?
How many yards in a neighborhood?
How many inches in a pint?
How many feet in my shoes?

“A Bushel and a Peck” *MIDI file accompaniment using Finale Notepad*

ADDITION & SUBTRACTION: I look in my closet and the problems get worse:
I have 1 white shirt, 3 blue shirts, 3 striped shirts, and that
1 ugly plaid shirt my Uncle Zeno sent me.
How many shirts is that all together?
How many shirts would I have if I threw away that
awful plaid shirt?
When will Uncle Zeno quit sending me such ugly shirts?

“Ten In the Bed” (with some Orff instruments) *various recorded versions available*

“How Much Wood?” (spoken ostinatos) *created your own from this familiar tonguetwister*

CALENDAR: My teacher has this chart of what month everyone's birthday is in
and I think:

Which month has the most birthdays?
Which month has the fewest?
Why doesn't February have a w?
Don't you think the chart looks sort of like a row of buildings?
Do you ever look at clouds and think they look like something else?
What does this inkblot look like to you?

“The Months of the Year” (in Spanish and English) Greg & Steve “We All Live Together”

PATTERNS: Math is just a total problem.
My teacher says there are many ways to count.
Russell counts on his fingers: 1,2,3,4,5,6,7,8,9,10.
Molly says: 2,4,6,8,10...
Dr. Piech likes to count: 1,1,2,3,4,8,13....
But on the planet Tetra, kids have only 2 fingers on each hand. They count 1,2,3,10...
And on the planet Binary, kids have only 1 finger on each hand. They count 1, 10...
What are the next five numbers in each sequence above? (answer with audience)
Do you think my teacher has been to the planet Tetra?
How would you bowl if you lived on the planet Binary?

“Inchworm” various recordings available

MONEY: Money is a problem too!
I have a \$5 bill, a \$1 bill, a quarter, and a penny.
George Washington is on both the quarter and the \$1 bill.
Abraham Lincoln is on both the penny and the \$5 bill.
So which is true:
1 Washington equals 25 Lincolns.
5 Washingtons equal 1 Lincoln
1 Washington equals 100 Lincolns
1 Lincoln equals 20 Washingtons.
Don't forget to show your work.
Extra Credit How do you think Thomas Jefferson feels about all of this?

“Money Honey” Music K8 Vol. 6#4

GEOGRAPHY (MAPS & MILES) Even Social Studies is a math problem:
The Mississippi River is about 4000 kilometers long
An M&M is about 1 centimeter long.
There are 100 centimeters in a meter, and 1000 meters in a kilometer.
Estimate how many M7Ms it would take to measure the length
of the Mississippi River.
Estimate how many M&Ms you would eat if you had to measure
the Mississippi River with M&Ms.
Bonus: Can you spell Mississippi without any M&Ms?

“She'll Be Coming Round the Mountain” (with actions) many recordings available

LOGIC: Dinner brings no relief.
While passing the mashed potatoes, Mom says, “What your father says is false.”
Dad helps himself to some potatoes and says, “What your mother says is true.”
I think about that for a minute.
If what Mom says is true, then what Dad says is false.
But if what Dad says is false, then what Mom says isn’t true.
And if what Mom says isn’t true, then what Dad says isn’t false.
But that can’t be true because he says that what Mom says is true, and she says
that what he says is false?
Can that be true?

“I Don’t Believe It” (partner song) Doug Nichols

ENDING: Why does everything have to be such a problem? (Room 102)
Why do 2 apples always have to be added to 5 oranges? (Room 104)
Why do 4 kids always have to divide 12 marbles? (Room 105)
Why can’t you just keep 10 cookies without someone taking 3 away? (Room 106)
Life is full of math problems—but don’t sweat the small stuff. (1/2)
If you pay attention in school AND keep a song in your heart, (1/2)
You’ll get along just fine in life—NO PROBLEM! (All)

“Circle of Song” Spotlight on Music Series

Reprise: “Music Makes Me Sing” or “I Love Math/Music”