Probability
"Tune of Pompeii"

Pro-pro-pro- bility x8

We decided to discover probability
Many times we just thought it was
random you see

And the die kept tumbling down
Always showing different outcomes and
results
Combining all of our data
Confirmed equal likeliness

But if you roll two dice,
It may feel at first like
Nothing changed at all
Then if you track the sums,
You may soon discover
The chances aren't fair at all
How am I gonna use this new theory?
The chance of a 7 is better than 12
We discovered rolling a 7 had 6
combinations
Rolling 12 had only one a 6 plus a 6.

And staircase started to show
all the chances of each sum
The one was impossible
and the tortoise tricked the hare into
winning the race

But if you close your eyes,
And try randomly
to choose a matching sock.
A 1 in 18 chance
that you will win that game
Those really aren't great odds
How am I gonna get this cat off of my
head?
I'll beat him at his game by tricking him
instead?

Pro-pro-pro- bility x4

Oh this is how we begin
To see how fractions help
If you draw the first one right
The chance of winning increases

And the learning kept flooding our minds
In the subject that we love
We shared all our learning with parents
We surprised them with how smart we
really are.

So if you think it's random,
You should think about it
Maybe there's a chance
Not all results are fair,
Is it likely, unlikely, certain,
or impossible?
How am I gonna use this in my daily life?
At soccer or playing games with friends
at recess?

Pro-pro-pro- bility x4

So did you realize, that we just learned
that math is fun!