EARLY NUMERACY CALENDAR
September

LEAVES by Elsie N. Brady

How silently they tumble down
And come to rest upon the ground
To lay a carpet, rich and rare,
Beneath the trees without a care,
Content to sleep, their work well done,
Colors gleaming in the sun.

NUMBER OF THE MONTH

2

Take a look at a family member or pet. Do you see sets of 2? Two ears, two eyes, two ___... Go on a hunt for other sets of 2!

CLEVER MATH

In the refrigerator, I see a large bottle and a small bottle. What could they be? What else could they be?

MATH STORY

Sophia Squirrel has 2 acorns. Then she finds 1 more. How many does she have now? Act out your solution!

CREATIVE MATH

What would happen if you drew a line holding two crayons in your hand? Double lines! Make art with this new double-crayon technique!

COUNT @ HOME

How many towels are in the cabinet? Count carefully! Would it help to organize them by color? Draw a picture of what you counted.

SHAPE OF THE MONTH CIRCLE

A circle is a curved shape. Look at the top of a can. See that circle? How many circles can you see from where you are right now?

CONSTRUCTION ZONE

Use shoestrings, yarn, ribbons, or twine to form different sized circles. Make them as perfectly round as possible. Can you make an almost-circle and then fix it?

FAMILY SURVEY

Collect some data by asking people this question: Do you prefer red or yellow autumn leaves? What were your results, and could you draw to share your data?

QUICK DOTS

QUICK! How many dots do you see? After that quick look, revisit: How can you be sure you're right?

EGGS IN A NEST

Count 3 pennies (eggs). Hide 2 under a cup (staying warm under the hen). Say: I see one egg. How many are under the hen? Lift the cup and count to check!

MATH IN LITERATURE MICE TWICE

How did the characters try to outsmart each other? What did Cat mean when he said, "Mice twice"?

SAME & DIFFERENT

Take a look at these items. What do they have in common? What's different?

START WITH/ GET TO

Start with zero, and count until you get to 6. Then count back to zero. Use your fingers (or toes!) to keep track!

ORGANIZE & COMPARE

Gather 3 pencils. Organize them in a row from shortest to longest. What else can you order by length?

FIVE FRAME
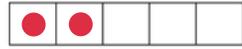
Count the red dots in the five-frame. What's one more? One less? How many more in the frame to make five red dots?

ESTIMATE!

If you scooped a spoon full of Cheerios, how many would fit in the spoon? Estimate, then try it out! What would happen if you used a different size of spoon? Different cereal?

SHAPE HUNT

This month's shape is the circle. How many circles can you find inside and outside? How do you KNOW it's a circle?

COUNT IN NATURE

Take the counting outside! Find:

- 2 trees
- 2 bugs
- 2 puddles

SIMON SAYS...

- Jump over 2 shoes.
- Run around 2 trees.
- Stand between 2 chairs.

WOULD YOU RATHER...

... have slices of cheese that were squares or circles? Why? Discuss!

THINK DISTANCE

What's farther away: the distance from your home to the grocery store, or the distance from your home to the ocean?

MATH @ THE STORE

Find two different kinds of bread. Compare the size. Which is softer? Can you find a bread you've never tried before?

PATTERN TIME

Use crayons, chalk, or markers to create this color pattern:

MATH HANDS

On your fingers, show TWO. Then show TWO another way. Count to prove that either way, it's still TWO.

LET'S TALK MATH

Which shape is NOT a circle? How do you know?
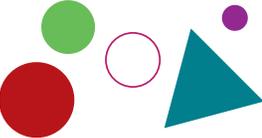
THE WHEELS ON THE BUS

The wheels on the bus go round and round, round and round, round and round. The wheels on the bus go round and round, all through the town!

What shape are the wheels on a school bus?