

**OUR
FAMILY
MATH
ACTIVITY
BOOK**

By the

Family

Welcome!

Here are some helpful tips.

In this book, you'll find family-friendly activities to help children, aged 2–5, develop foundational math skills to prepare for school, with topics including:

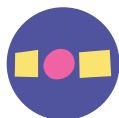
Sorting & Collecting

Number Sense & Counting

Patterns

Shapes

Spatial Sense



Join the conversation.

Share pictures of your activities and tag @pbsocial on social media.

For more math resources, visit pbsocial.org/familymath



Math is Everywhere

Welcome to your family's Math Book!

Life with little ones can get busy and finding opportunities to squeeze in learning time is a challenge. The good news, math can be found everywhere in our daily lives—from cooking to driving, and even reading. And, the best way to help kids learn is through hands-on experiences.

We hope these activities (that can be done independently or together as a family) will spark conversations about math in your daily routines.

GOAL SETTING

Setting goals as a family is a great way to track progress toward learning something new. Family goals can be as simple as: “practice counting while on a walk” or “try a new math activity each week.”

Use the space below to brainstorm your family math goals and celebrate as you accomplish each goal!

GOALS

Math Around You

Incorporating “math talk” into your daily routine helps your child understand that math exists in all aspects of their life. Use math words and phrases with your child throughout the day to help them build a foundation for math.

Here are some fun ways to work math into everyday chatter with your child.



Making a meal
How many slices can we make from this tomato?

Let's count the slices together.



Folding laundry
Can you help me sort the clean socks from the dryer by size and color?

What else can we sort?



In the library

Is the book you want to read on the top or bottom shelf?



How many shelves do you see?

On the way

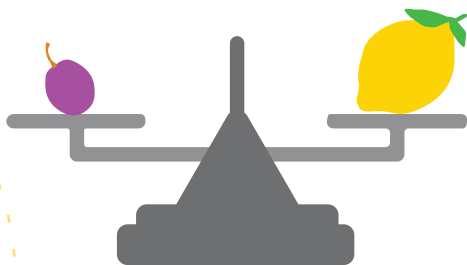
I spy a sign in the shape of a triangle.



How many triangles can you find?

At the store

Which is heavier—a lemon or a grape? Let's test it out.



Playing in the park

Left hand, right hand, left hand, right hand.



How many patterns can you find in the park?

What shapes do you see?

What is math talk?

Scan the QR code to learn more.

SCAN ME





Create a Hungry Caterpillar

INSTRUCTIONS:

1. Make a pattern for the caterpillar's body.
2. Put some peanut butter between two slices of banana.
3. Add more peanut butter and another slice of banana. Keep going until you have 10 slices.

What shapes do you see?

4. Now add the legs!
Gather 9 pretzel sticks.
Break each pretzel stick in half.

How many pretzel sticks are there now?

5. Add a pretzel stick leg to each side of a banana slice except for the first slice (that's the head).
6. Last but not least, add the caterpillar's eyes with chocolate chips or raisins.

Sprinkle some coconut flakes on top for extra sweetness and enjoy!



Gather the following ingredients:

- Sliced banana
- Nut butter spread
- Chocolate Chips/Raisins
- Pretzel sticks
- Coconut flakes (optional)

SHARE A PHOTO OF
YOUR CATERPILLAR
AND TAG @PBSSOCAL
ON SOCIAL MEDIA.

SCAN ME



Hungry for more?

Scan the QR code to do a math activity with cupcakes.



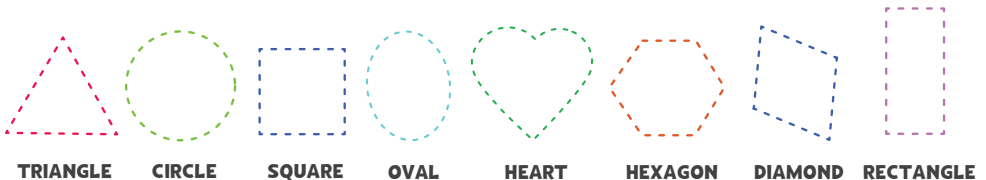
At the store

Grocery Store Scavenger Hunt

Look around the grocery store for things that match the shapes below. As you find them, draw them in each square.

What else matches these shapes?

A circle	Something round	A heart
A rectangle	A hexagon	A triangle
A diamond	An oval	A square



SCAN ME



Find shapes while unpacking your groceries!

See how this family works together using the QR code.





Seasonal Sorting

Clothes can be sorted in many different ways.

1. Sort the clothes below in order of when you would wear them, from the hot summer to the cold winter.
2. Draw a line connecting the item to its matching season.



**WARM
WEATHER**

**COOL
WEATHER**

SCAN ME

Next time you're doing laundry, make it a family activity!

See how this family practices sorting, collecting, and patterning with their laundry using the QR code.

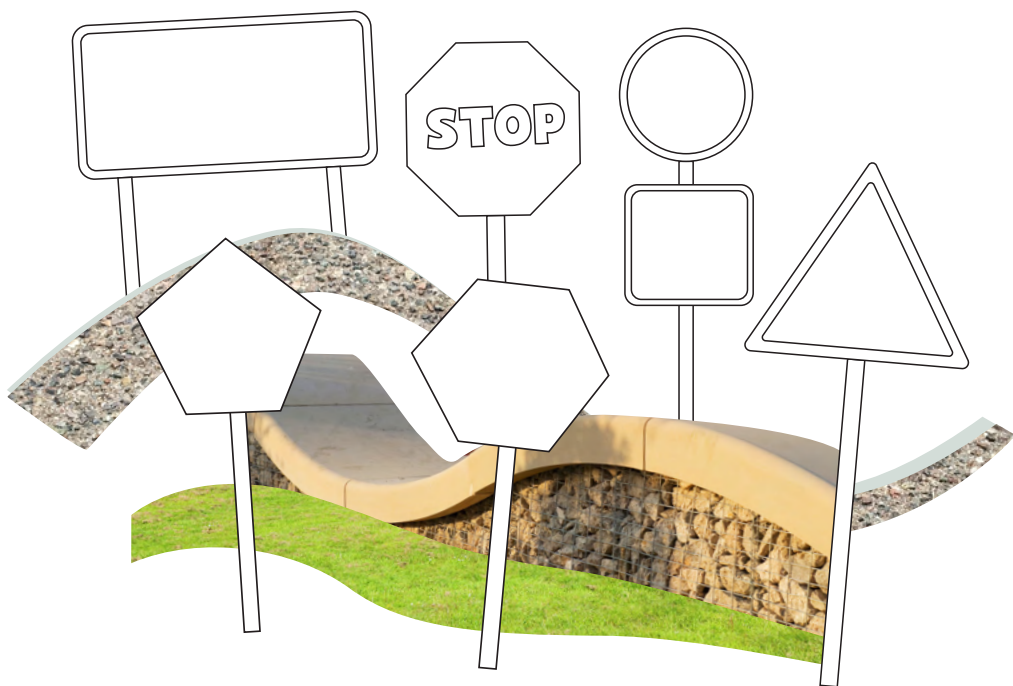




Shapes on the Go

Street signs come in all different shapes.

1. Color the street signs you see in this picture.
2. Draw a line to match the shapes in the shape bank to each sign.



TRIANGLE



CIRCLE



SQUARE



RECTANGLE



PENTAGON



HEXAGON



OCTAGON

SCAN ME



Did you know a bus driver counts the people on board?
Learn more ways they use math by scanning the QR code.





Sorting Leaves

Go on a scavenger hunt for 5 leaves.

1. Put the leaves in order from shortest to longest.
2. Trace the leaves below.



SHORT

LONG

Nature provides countless connections to math.

Scan the QR code to make rock patterns

SCAN ME





At the library

My Bookshelf

This bookshelf is empty

1. Draw books on each shelf and make sure they all fit.
2. Use different colors to create a pattern with your books.

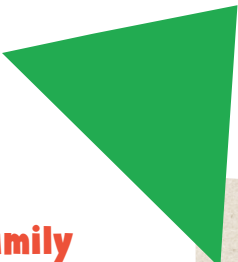


SCAN ME



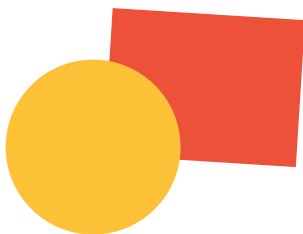
Learn how this Boyle Heights bookstore owner uses math on her shelves. Scan the QR code.





**You and your family
did a great job and
should be proud of
all the math activities
you tried!**

**Revisit your math goals
from the beginning of
this book to check your
progress. Keep the fun
going by setting new
math goals each week.**



**Want to find more fun ways
to practice math as family?**



Scan the QR code for
more activities, and
sign-up for our
newsletter to receive
more free resources.

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channel is available on
channel 50.5 using an
antenna.

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is part of the Family Math Series

Thanks to our generous supporters

