

Lead an investigation

Kiddos World · Exploration Library · Stories to explore together

19 Same leaf. Different numbers?

Story sheets 1–4

04 Can paper be a bridge?

Story sheets 5–8

17 What grows first?

Story sheets 9–12

Same leaf. Different numbers?

Gina has one long leaf.
How long is it?



More or fewer?

If we use bigger measuring pieces,
will we need more or fewer?

The leaf will stay the same.



LET'S TRY IT

Six small units.

Line up equal pieces end to end.
No gaps. No overlaps.
Start and finish at the leaf's ends.



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LOOK AGAIN

Three big units.

Each big piece is twice as long.
The same leaf needs only three.
The leaf did not shrink.



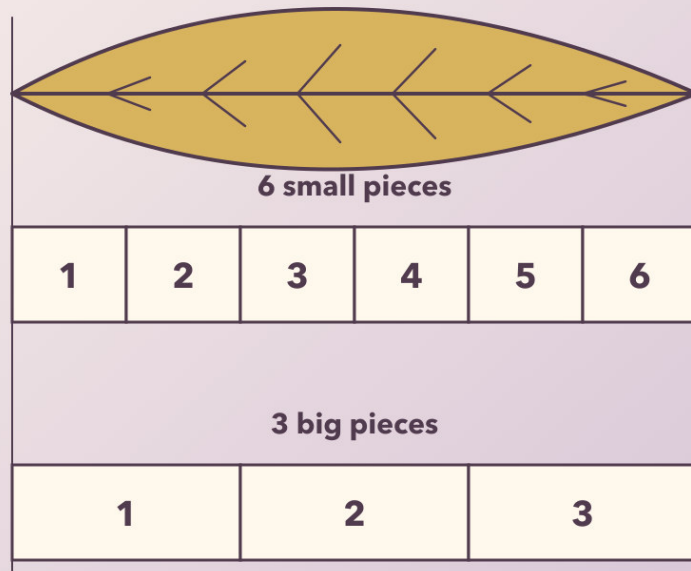
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THE PART TO REMEMBER

Name your unit.

A number needs its measuring unit:
six small pieces, or three big ones.



Bigger units. Fewer pieces.

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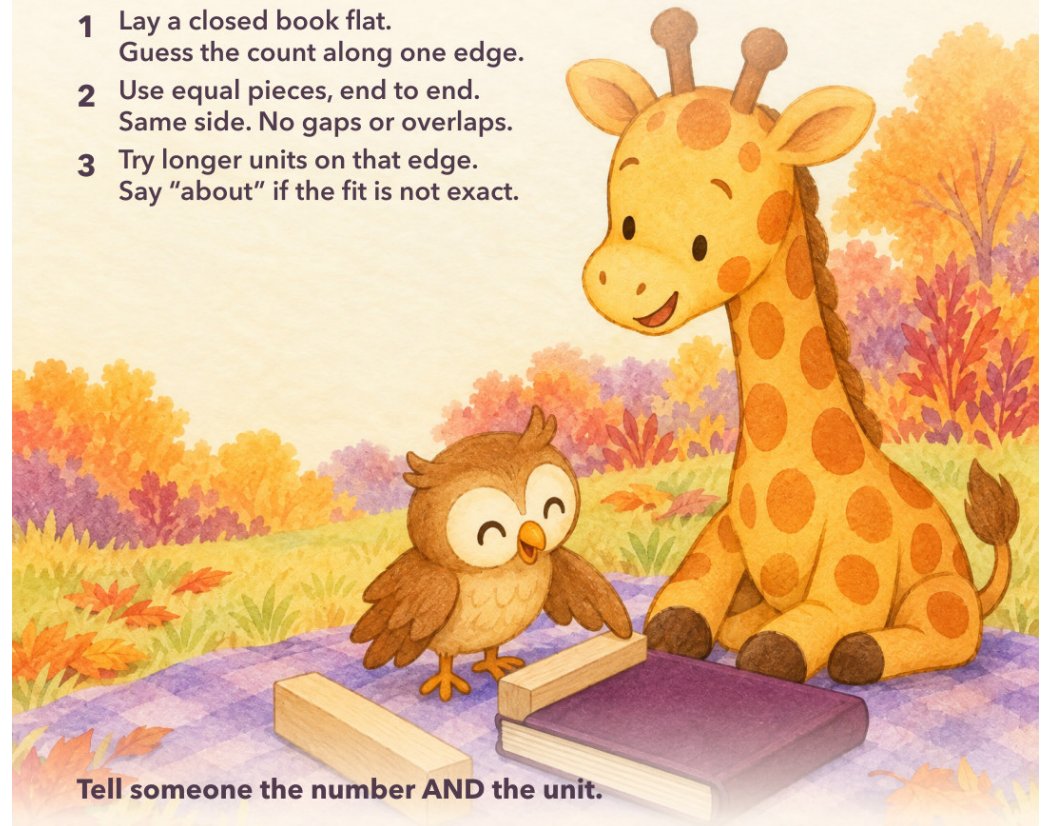
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TRY IT TOGETHER

Measure it your way.

With an adult: a book and two sets
of matching blocks, one set longer.

- 1 Lay a closed book flat.
Guess the count along one edge.
- 2 Use equal pieces, end to end.
Same side. No gaps or overlaps.
- 3 Try longer units on that edge.
Say "about" if the fit is not exact.



Tell someone the number AND the unit.

Use large blocks without loose parts.
An adult helps line up and count.

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KEEP EXPLORING TOGETHER

What else can we measure?

Explore another kind of measuring in
Ollie Teaches Time.



Parents: read together in Kiddos Books.

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WONDER TOGETHER · 04

Can paper be a bridge?

One sheet. One little challenge.
Build with Gina and Ollie.



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GUESS BEFORE YOU SWIPE

Will it bend?

Gina makes a flat paper bridge.
Will it stay flat—or bend?

Pause. Let your child guess.



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TRY THE FLAT SHEET

Oh! It bends.

Gina tests the middle.
The paper sags under the toy.

What could Gina change?



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CHANGE THE SHAPE

Fold. Try again.

Gina folds both long edges up.
Now her bridge holds the toy.

Same paper. Same toy. Same gap.



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THE PART TO REMEMBER

Same paper. Stronger shape.

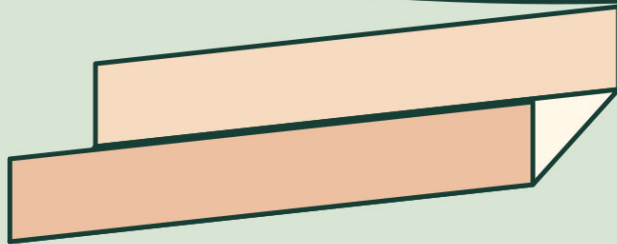
The upright sides help the paper resist bending down.

END VIEW

FLAT



FOLDED



A new shape can make a difference.

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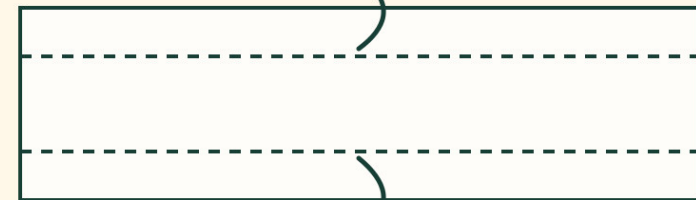
TRY IT TOGETHER

Your turn to build.

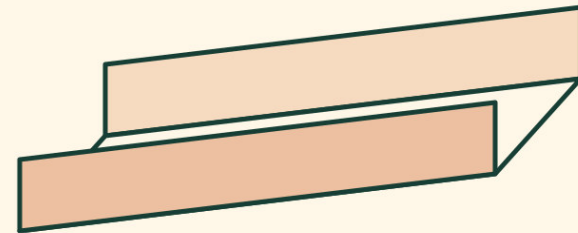
Bridge two books with a sheet.
Test one lightweight toy in the middle.
Fold both long edges up. Test again.

LONG EDGE

FOLD UP



FOLD UP



Leave the middle flat.

Ask: "What changed? What stayed?"

With an adult, on the floor. Use a large, child-safe toy. Keep the books in place.

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KEEP THE WONDER GOING

More little "why?" moments.

Read *Gina and the Great Gravity Hug*
together.



Parents: explore the story in Kiddos Books.

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WONDER TOGETHER · 17

What grows first?

A tiny bean.
A slow surprise.



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GUESS BEFORE YOU SWIPE

Root or shoot?

Before we begin, make a guess.
Which will appear first?

Point to your prediction.



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LET'S TRY IT

A little look. Every day.

Gina checks her bean in damp paper.
At first, no root is showing.

Keep the paper damp, not flooded.



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LOOK AGAIN

A root comes first.

Days later, a pale root appears.
The shoot will follow.

Your bean may take longer.



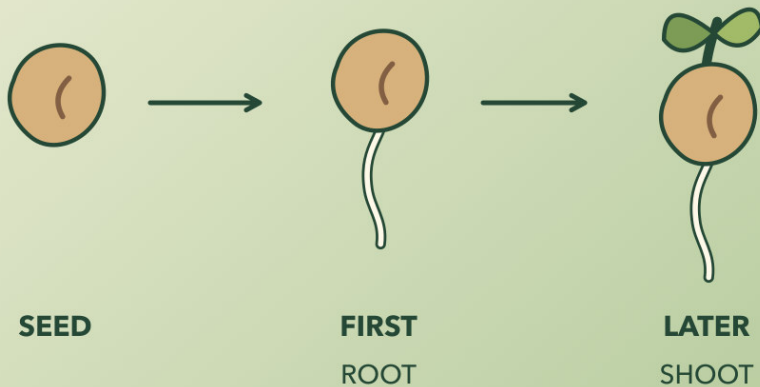
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THE PART TO REMEMBER

First a root. Then a shoot.

The root takes in water.
The shoot grows toward the light.



Simplified growth sequence

Growing takes time.

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TRY IT TOGETHER

Watch a bean wake.

With an adult: a whole dried bean,
clear plastic cup, paper towel and water.

- 1 Adult tucks the bean between damp paper and the open cup wall.
- 2 Keep warm, bright and damp. Avoid hot direct sun.
- 3 Look daily. Draw the first root. Keep watching for a shoot.



Draw one thing you notice each day.

Adult handles the bean. No tasting.
Keep out of little ones' reach; wash hands.

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KEEP EXPLORING TOGETHER

Small seed. Big story.

Share Gina's growing adventure in
How Does It Grow?



Parents: read together in Kiddos Books.

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