

Measure, Perimeter & Area

Measure length accurately and distinguish perimeter from area in simple rectilinear shapes.

LEARN • PRACTISE • CREATE • REFLECT

Original BrightPencil Kids resource - adult-led where appropriate

A4 edition • 12 purposeful pages • review copy

Print. Learn. Grow.

Grown-up guide

Learning objective

Measure length accurately and distinguish perimeter from area in simple rectilinear shapes.

Use this pack well

- Model the first example aloud, then let the learner try.
- Ask “How do you know?” more often than “Are you finished?”.
- Use real objects, talk, movement or observation when the activity suggests it.
- Stop or shorten the session if attention or enjoyment drops.
- Open-ended pages can have many successful answers.

Quality note

This resource was written originally for BrightPencil Kids. Curriculum sources informed scope and progression only; no third-party worksheet or story text is reproduced.

Learn the idea

1 Perimeter is distance around a shape.

2 Area describes surface covered.

3 Units must match what is being measured.

Talk about it

Explain one idea in your own words. Give an example from real life, a drawing or an object if that helps.

Measure a rectangle and calculate its perimeter.

Count square units to find area of a grid shape.

Compare two shapes with the same area but different perimeter.

Choose cm, m or square cm for different tasks.

Find the missing side length in a simple perimeter problem.

Try it beyond the page

Real-world / hands-on connection

Measure a book/tabletop and sketch it with labelled side lengths.

Before you finish

What did you notice?

What evidence, object or example helped you?

What would you change if you tried again?

Create something

Your project

Design two garden plans with equal area but different perimeters.

Use this space for planning, drawing, mapping, designing or notes.

CHALLENGE

Think deeper

1. Is perimeter measured in square units?

2. Can two shapes have the same area and different perimeter?

3. What does area describe?

Quick review

1. In one sentence, explain the big idea of “Measure, Perimeter & Area”.

2. Draw or write one example that shows you understand.

3. Choose one activity from this pack and explain the strategy you used.

4. Write one question you still have.

Answer & discussion notes

Use these as guidance, not scripts. Open questions can have different successful responses when the reasoning is sensible and evidence-based.

1. Suggested response

No.

2. Suggested response

Yes.

3. Suggested response

The amount of surface covered.

Review before publication

Check age fit, factual accuracy, clarity, accessibility, rights provenance and whether the activity works in practice. This file remains a review copy until those checks are signed off.

FINISH

My learning reflection

I finished this BrightPencil learning pack.

One thing I understand better now:

A strategy that helped me:

Something I created or noticed:

My next small question or goal:

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