

GRADE 2 LEARNING PACK

Place Value to 1,000

Represent and compare three-digit numbers using hundreds, tens and ones.

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

Represent and compare three-digit numbers using hundreds, tens and ones.

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 A digit's value depends on its place.

2 Ten tens make one hundred.

3 Numbers can be decomposed in more than one equivalent way.

Talk about it

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

Build 346 as hundreds/tens/ones.

Write expanded form for 582.

Compare 407 and 470 using place value.

Rename 250 as 2 hundreds and 5 tens, then another way.

Order five three-digit numbers.

Try it beyond the page

Real-world / hands-on connection

Use bundled sticks/base-ten materials or drawings to model a three-digit number.

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 a “number city” showing hundreds towers, tens roads and ones houses for one number.

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

CHALLENGE

Think deeper

1. What is the value of 6 in 364?

2. Which is larger: 509 or 590?

3. Can 300 be made from 30 tens?

Quick review

1. In one sentence, explain the big idea of “Place Value to 1,000”.

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

60.

2. Suggested response

590.

3. Suggested response

Yes.

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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