

GRADE 3 LEARNING PACK

Place Value to 10,000

Read, represent, compare and partition whole numbers to 10,000.

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

Read, represent, compare and partition whole numbers to 10,000.

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 Numbers can be partitioned in more than one useful way.

3 Comparisons should use the highest place where digits differ.

Talk about it

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

Write 4,307 in expanded form.

Build 6,040 from thousands, hundreds, tens and ones.

Compare 3,980 and 4,008 using $>$ or $<$.

Partition 2,760 in two different ways.

Round a four-digit number to the nearest hundred using a number line.

Try it beyond the page

Real-world / hands-on connection

Use place-value cards or a drawn place-value chart to build and rename four-digit numbers.

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

Create a “mystery number” with five clues involving place value and comparison.

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

CHALLENGE

Think deeper

1. What is the value of 7 in 3,742?

2. Can 2,430 be partitioned as $2,000 + 400 + 30$?

3. Why compare thousands first?

Quick review

1. In one sentence, explain the big idea of “Place Value to 10,000”.

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

700.

2. Suggested response

Yes.

3. Suggested response

It is the greatest place and can decide the comparison immediately.

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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