Adding 4 — Facilitator Guide

KINDERGARTEN–GRADE 1 · MATHEMATICS · PRINT READY WORKSHEET

Adding 4: To 10. Use the original one-page worksheet; the numbered directions below reproduce the printed task.

Quick Start

Learning target: Join two groups and say how many altogether; Write an addition sentence for a picture; Add within 10

Time	Grouping	Materials
Teacher-paced; adjust to the student	Individual work with adult support as needed	Printed worksheet · Pencil

GUIDING QUESTIONS

How many are in each group? How many are there altogether?

Show me how you checked your work on Adding 4.

Facilitation Sequence

1 Introduce the worksheet

Look at Adding 4. Read the title and printed directions aloud together.

Watch for: Check that students can locate the first task before starting.

TEACHING TIP · A useful prompt here is: "How many are in each group? How many are there altogether?"

2 Work through the printed tasks

1. How many altogether? (to 10) 2. Now write the whole number sentence.

Watch for: Count each group, combine the quantities and check the total. Connect the pictured groups to the complete addition number sentence requested on the page.

TEACHING TIP · A useful prompt here is: "Complete the tasks in the order printed on the page."

3 Review together

Revisit the completed parts of Adding 4. Ask the student to point to their work and explain or demonstrate one choice.

Watch for: Use the actual printed examples when checking a response; do not infer an answer from the worksheet title.

4 Choose a next step

Review progress towards: Join two groups and say how many altogether

Watch for: Record which task was completed independently and which needed modelling. Revisit the same printed task with support if needed.

Likely Student Responses, Misconceptions, and Helpful Teacher Moves

Anticipate these — and the response that moves thinking forward.

Students may…	What that might mean…	A helpful next move…
Begin Adding 4 without following the printed direction.	The task language or order may need clarification.	Read the direction aloud and ask the student to point to where they will begin.

Students may…	What that might mean…	A helpful next move…
Need more practice with this skill: Join two groups and say how many altogether	The skill may still need modelling or practice.	Count each group, combine the quantities and check the total. Connect the pictured groups to the complete addition number sentence requested on the page.

Equity, SEL, and Trauma-Informed Prompts

Equity

Perspective invitations you can offer students — a second context, a missing voice, a different lived reality.

Offer oral directions and time to become familiar with the worksheet pictures. Do not assume that every pictured object is familiar.

SEL

The emotional and interpersonal demands of this task — confidence, disagreement, frustration points, collaboration.

Use specific feedback about a strategy or effort. Allow a pause and another attempt when the task becomes frustrating.

Trauma-Informed

Participation safety and predictability — a private response option, lower-stakes sharing, predictable structure.

Keep the task sequence predictable. Offer private sharing and do not require personal or family disclosures about the pictures.

UDL, Differentiation, and Language Supports

If students need more support

Scaffolds for the same core thinking: oral rehearsal first, sketch or sort before writing, a worked example, chunked steps.

Count each group, combine the quantities and check the total. Connect the pictured groups to the complete addition number sentence requested on the page.

Cover later tasks temporarily and work through one printed direction at a time.

If students are ready for more

Extensions that add complexity, not busywork: compare two approaches, justify a choice, transfer to a new context.

Ask the student to explain how they checked a completed task on Adding 4.

Invite another example orally; treat this as an optional extension, not an extra printed question.

Language supports

Name the language function (explain, compare, argue, justify) with sentence frames and oral rehearsal.

Read each printed instruction aloud and pair the action word with a demonstration.

Allow pointing, oral rehearsal, or a response in a familiar language before a written response.

Assessment Look-Fors and Next Steps

What to look for

Criterion	What it looks like here	Possible evidence	Helpful next step
Join two groups and say how many altogether	The student demonstrates this skill in the corresponding printed task.	Observe the completed task and ask the student to explain or demonstrate their approach.	Model the part that needed support, then offer another attempt on the same task.
Write an addition sentence for a picture	The student demonstrates this skill in the corresponding printed task.	Observe the completed task and ask the student to explain or demonstrate their approach.	Model the part that needed support, then offer another attempt on the same task.

Criterion	What it looks like here	Possible evidence	Helpful next step
Add within 10	The student demonstrates this skill in the corresponding printed task.	Observe the completed task and ask the student to explain or demonstrate their approach.	Model the part that needed support, then offer another attempt on the same task.

Reteach signal: If the student cannot explain or demonstrate the printed task, model one example and revisit: Join two groups and say how many altogether