Kindergarten | Short math routine

Prepare (1 minute)

Choose one numbered lesson. Gather counters, paper, a number chart or ruler as appropriate. Read the directions aloud before starting.

Model (2 minutes): Joining groups

Put out 2 counters, then 1 more. Touch and count all three. Say: two and one make three. Draw the groups and write 2 + 1 = 3.

Practice together, then independently

Together: join 1 and 2 counters. Independent: join 2 and 2. Answer: 4.

Use the worksheet (4–6 minutes)

Offer one question at a time. Accept pointing, drawings, manipulatives, oral responses, or writing when these show the target skill. Note whether the response was independent, prompted, or modeled.

Check and respond (1 minute)

Use the answer notes. If a concept is unclear, model a different example and try again. Distinguish a missed opportunity from an incorrect answer.

Scope

These are practice materials and teaching supports. They do not replace a full curriculum, publisher projects, formal assessments, or an individualized instructional plan.

Grade 1 | Short math routine

Prepare (1 minute)

Choose one numbered lesson. Gather counters, paper, a number chart or ruler as appropriate. Read the directions aloud before starting.

Model (2 minutes): Make a ten to add

For 8 + 5, move 2 from the group of 5 to complete 10. There are 3 left: 10 + 3 = 13. Draw a ten-frame and the 3 extra counters.

Practice together, then independently

Together: 9 + 4 = 13. Independent: 8 + 6 = 14. Ask the learner to show which part makes ten.

Use the worksheet (4–6 minutes)

Offer one question at a time. Accept pointing, drawings, manipulatives, oral responses, or writing when these show the target skill. Note whether the response was independent, prompted, or modeled.

Check and respond (1 minute)

Use the answer notes. If a concept is unclear, model a different example and try again. Distinguish a missed opportunity from an incorrect answer.

Scope

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Grade 2 | Short math routine

Prepare (1 minute)

Choose one numbered lesson. Gather counters, paper, a number chart or ruler as appropriate. Read the directions aloud before starting.

Model (2 minutes): Regroup tens and ones

For 36 + 27, combine 3 tens and 2 tens, then 6 ones and 7 ones. Trade 10 of the 13 ones for 1 ten. Now there are 6 tens and 3 ones: 63.

Practice together, then independently

Together: 28 + 15 = 43. Independent: 47 + 26 = 73. Ask the learner to explain the trade.

Use the worksheet (4–6 minutes)

Offer one question at a time. Accept pointing, drawings, manipulatives, oral responses, or writing when these show the target skill. Note whether the response was independent, prompted, or modeled.

Check and respond (1 minute)

Use the answer notes. If a concept is unclear, model a different example and try again. Distinguish a missed opportunity from an incorrect answer.

Scope

These are practice materials and teaching supports. They do not replace a full curriculum, publisher projects, formal assessments, or an individualized instructional plan.