

SAINT PIERRE LEARNING RESOURCES

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MATHEMATICS | QUARTER 1 | DAY 4

KINDERGARTEN

Joining and Taking Away Within 10

STANDARDS-FIRST PLANNING

Verified NC alignment: NC.K.OA.1 - Represent addition and subtraction within 10 using objects, drawings, actions and explanations.

Student target: I can show joining and taking away with objects, pictures, and words.

Success criteria: Build and draw two join stories and two take-away stories within 10.

Teaching overview

Children represent addition/subtraction meaning before relying on symbolic computation. Physical objects and ten frames anchor the lesson.

Materials & setup

- Counters, two-color cubes, 10-frames
- Story picture cards and number paths 0-10
- Pencils, crayons, small mats

Exactly 80 minutes: daily flow

COMPONENT	TIME
Warm-Up / Spiral Review	8 min
Visual Mini-Lesson	12 min
I Do	10 min
We Do	12 min
Small Group / Centers	18 min
Independent Practice + Early Finisher	15 min
Exit Ticket / Closure	5 min

Early finisher work is completed within the independent-practice block; it does not add time beyond 80 minutes. Quarter placement is a proposed local instructional sequence, not a state-mandated pacing map.

8 min | Warm-Up

Review comparing 1-10 using cube trains. Students name greater/less, then move to joining two groups.

12 min | Visual Mini-Lesson

Act out 4 birds at a feeder and 3 more arriving. Move counters into one frame and ask "What changed?" Then remove two counters from a set of 7.

10 min | I Do

Model 4 joining 3 on a ten frame. Think aloud and show the same story with a drawing and a spoken explanation.

12 min | We Do

Give each student 10 counters. Read four stories, alternating joining and taking away. Ask children to build before answering.

18 min | Centers

Rotate 6 minutes through story acting, ten-frame drawings, and matching a model to a spoken story.

15 min | Independent / Challenge

Students draw pictures for 12 original situations; fast finishers create and act out two new stories.

5 min | Exit

Give a joining story and a take-away story; check whether students can show both with objects or a drawing.

Differentiation and access

Support: Use stories with 1-5 objects and two-colored counters; allow pointing and oral response.

Core: Represent stories up to 10 using counters and pictures.

Extension: Show the same story with two representations and explain how they match.

Language: Say "put together" and "take away" alongside symbols, with gestures.

Misconception to watch

Children may count only the newly added group rather than the combined set. Ask them to touch each object in the new whole.

Evidence to collect

Collect a drawing of one joining and one take-away story; listen for correct verbal interpretation.