

Alaska PreK Mathematics

FREE PREVIEW

Full-Year Teacher Planner, Blank Editable Planner & School-Submission Binder

This preview shows the real structure and a genuine sample of the completed planner. The full product contains 9 units, 36 weekly plans and 180 daily plans, plus blank editable versions of every form.

State	Alaska
Grade	PreK (Early Childhood)
Subject	Mathematics
Course category	Early Learning Domain
Standards family	Mathematics
Framework	State of Alaska Early Learning Guidelines
Issuing agency	Alaska Department of Education and Early Development
Scope	36 instructional weeks · 180 instructional days · 9 units

This is a statewide standards index, not a local course catalog. Course names, grade placement, electives, and graduation sequences vary by district.

What you get

Folder	Contents
01 START HERE	Read-me, contents, printing and digital instructions, standards verification guide, this preview
02 FILLED FULL YEAR	Completed planner in colour and ink-friendly PDF, plus editable DOCX
03 BLANK EDITABLE	Blank planner in colour, ink-friendly and fillable PDF, plus editable DOCX
04 ASSESSMENTS AND DATA	Baseline observation, quarterly rubrics, anecdotal forms, portfolio checklist
05 SCHOOL SUBMISSION	Submission covers, alignment summary, evidence checklist, observation, reflection, signature page
06 LICENSE AND CREDITS	Terms of use, credits and licences, copyright notice

The pages that follow are reproduced **exactly** as they appear in the full completed planner.

Week 9 — The Last Number Tells How Many

Unit 3: How Many Altogether? • Month 3 • Quarter 1 • Semester 1 • Instructional Days 41–45

Essential question	When I finish counting, how many are there?
Standards	Counting and Number Sense -> Goal 34 Domain 4: General knowledge and cognition / Numbers and counting — Children demonstrate knowledge of numbers and counting Number Relationships and Quantity -> Goal 34 Domain 4: General knowledge and cognition / Numbers and counting — Children demonstrate knowledge of numbers and counting
Learning target	"I know the last number tells how many."
Local dates	_____ (enter your school dates)

Measurable objectives

- Children will state the total after counting a set.
- Children will recognise that the final count word is the quantity.

Success criteria (student-friendly)

- "I count them all."
- "I say the last number."
- "I answer how many."

Academic vocabulary

how many, altogether, total, last, all

Materials and technology

- Counters
- Number cards
- Counting mats
- Trays
- Chart paper

Differentiation and supports

Support area	This week's plan
Special education / IEP	Reduce group size; pair visual cue cards with all verbal directions; allow gesture or picture response in place of speech; pre-teach the week's target in a 1:1 warm-up.
Section 504	Provide the child's documented accommodations throughout; permit movement breaks and alternative seating at any point in the sequence.
Multilingual learners	Introduce each vocabulary word with an object or image; accept home-language responses; send the vocabulary list home where a translation is available; pair with a peer who shares the home language.

Support area	This week's plan
Advanced / extension	Ask the learner to teach the skill to a peer, extend the task, or record a demonstration for the class reference wall.
Intervention / reteach	Reteach the target in a short small group using the same materials; split the day's check for understanding into two smaller steps.
Enrichment	Extend into an open-ended centre or project connected to the essential question.

Assessment and evidence

Child answers 'how many' with the final count word.

Family communication

Ask 'how many?' after the child counts.

Day 41 — How Many Altogether?

Week 9, Day 1 • Unit 3 • Standards: Goal 34

Focus	Cardinality.
Learning target	"I know the last number tells how many."
Vocabulary in use	how many, altogether, total
Local date	_____

Learning sequence

Circle: count then ask how many. Model: teacher counts and states the total. Practice: children count and state totals. Play: counting trays.

Check for understanding

Child states the total after counting.

Differentiation in the moment

If the learner...	Then...
needs more support	Model the step again with guided support, then fade to a gesture cue.
is ready for more	Invite the learner to demonstrate for a peer or add a second example.
is dysregulated	Pause instruction, move to co-regulation, and return to the target later.

Closure and reflection

Gather the group. Restate the learning target. Ask one learner to demonstrate. Name one specific thing the group did well, then preview tomorrow.

Teacher reflection (fictional example)

Fictional Example — Customize and Verify Before School Submission.

Most learners met the target. Two needed the visual cue repeated during guided practice; I will pre-teach with them tomorrow. The extension held attention longer than planned, so I shortened closure.

Day 42 — Counting Again Gives the Same Answer

Week 9, Day 2 · Unit 3 · Standards: Goal 34

Focus	Order irrelevance.
Learning target	"I know the last number tells how many."
Vocabulary in use	how many, altogether, total
Local date	_____

Learning sequence

Circle: count a set twice, differently. Model: teacher counts two ways. Practice: children recount sets. Play: recounting game.

Check for understanding

Child gets the same total counting a different way.

Differentiation in the moment

If the learner...	Then...
needs more support	Model the step again with guided support, then fade to a gesture cue.
is ready for more	Invite the learner to demonstrate for a peer or add a second example.
is dysregulated	Pause instruction, move to co-regulation, and return to the target later.

Closure and reflection

Gather the group. Restate the learning target. Ask one learner to demonstrate. Name one specific thing the group did well, then preview tomorrow.

Teacher reflection (fictional example)

Fictional Example — Customize and Verify Before School Submission.

Most learners met the target. Two needed the visual cue repeated during guided practice; I will pre-teach with them tomorrow. The extension held attention longer than planned, so I shortened closure.

Day 43 — Matching a Number Card

Week 9, Day 3 · Unit 3 · Standards: Goal 34

Focus	Linking quantity to numeral.
Learning target	"I know the last number tells how many."
Vocabulary in use	how many, altogether, total
Local date	_____

Learning sequence

Circle: match a set to a number card. Model: teacher matches three. Practice: children match sets to numerals. Play: matching centre.

Check for understanding

Child matches a set to the correct numeral.

Differentiation in the moment

If the learner...	Then...
needs more support	Model the step again with guided support, then fade to a gesture cue.
is ready for more	Invite the learner to demonstrate for a peer or add a second example.
is dysregulated	Pause instruction, move to co-regulation, and return to the target later.

Closure and reflection

Gather the group. Restate the learning target. Ask one learner to demonstrate. Name one specific thing the group did well, then preview tomorrow.

Teacher reflection (fictional example)

Fictional Example — Customize and Verify Before School Submission.

Most learners met the target. Two needed the visual cue repeated during guided practice; I will pre-teach with them tomorrow. The extension held attention longer than planned, so I shortened closure.

Day 44 — Give Me That Many

Week 9, Day 4 · Unit 3 · Standards: Goal 34

Focus	Producing a set of a given size.
Learning target	"I know the last number tells how many."
Vocabulary in use	how many, altogether, total
Local date	_____

Learning sequence

Circle: teacher asks for a number of counters. Model: teacher counts out four. Practice: children count out sets. Play: counting out centre.

Check for understanding

Child counts out a requested quantity.

Differentiation in the moment

If the learner...	Then...
needs more support	Model the step again with guided support, then fade to a gesture cue.
is ready for more	Invite the learner to demonstrate for a peer or add a second example.
is dysregulated	Pause instruction, move to co-regulation, and return to the target later.

Closure and reflection

Gather the group. Restate the learning target. Ask one learner to demonstrate. Name one specific thing the group did well, then preview tomorrow.

Teacher reflection (fictional example)

Fictional Example — Customize and Verify Before School Submission.

Most learners met the target. Two needed the visual cue repeated during guided practice; I will pre-teach with them tomorrow. The extension held attention longer than planned, so I shortened closure.

Day 45 — How Many Are Hiding?

Week 9, Day 5 • Unit 3 • Standards: Goal 34

Focus	Applying cardinality.
Learning target	"I know the last number tells how many."
Vocabulary in use	how many, altogether, total
Local date	_____

Learning sequence

Circle: hide some counters. Model: teacher counts what is visible. Practice: children count visible sets. Play: hiding game.

Check for understanding

Child states how many are visible.

Differentiation in the moment

If the learner...	Then...
needs more support	Model the step again with guided support, then fade to a gesture cue.
is ready for more	Invite the learner to demonstrate for a peer or add a second example.
is dysregulated	Pause instruction, move to co-regulation, and return to the target later.

Closure and reflection

Gather the group. Restate the learning target. Ask one learner to demonstrate. Name one specific thing the group did well, then preview tomorrow.

Teacher reflection (fictional example)

Fictional Example — Customize and Verify Before School Submission.

Most learners met the target. Two needed the visual cue repeated during guided practice; I will pre-teach with them tomorrow. The extension held attention longer than planned, so I shortened closure.

Important before you buy

- This is a **digital download**. Nothing is shipped.
- The planner is **calendar-neutral**: Month 1–9, Week 1–36, Day 1–180, so it fits any school calendar. You add your own dates.
- Standards were transcribed from the official source.
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This is a statewide standards index, not a local course catalog. Course names, grade placement, electives, and graduation sequences vary by district.

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Accessibility

Pages use a minimum 8-point type size, high-contrast text, wide writing areas, print-safe margins, numbered pages and a bookmarked navigation outline. Colour and ink-friendly versions are supplied, and no information is conveyed by colour alone.

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Source citation

Alaska Department of Education and Early Development. State of Alaska Early Learning Guidelines. The document states its own edition as "January 2020, updated from original 2007 version"; the department's early learning landing page is <https://education.alaska.gov/earlylearning>. IT IS A GUIDELINES DOCUMENT RATHER THAN A COURSE OF STUDY, and it is organised by DEVELOPMENTAL DOMAIN rather than by school subject: five domains carry FIFTY-TWO NUMBERED GOALS running continuously from 1 to 52 across the whole document, so a goal number identifies a goal uniquely without needing its domain. Each goal is then printed FOUR TIMES OVER, once for each age band -- infants birth to 9 months, older infants, toddlers 18 to 36 months, and preschoolers 36 to 60+ months -- with the same goal statement each time and different indicators under it. THE GOAL STATEMENT IS WHAT IS REGISTERED. The indicator bullets under each goal are printed in two facing columns headed "PRESCHOOLERS MAY" and "YOU CAN", the first being things a child may do and the second being strategies for the adult; NEITHER IS A STANDARD, the two columns interleave unreliably when the PDF is read as text, and neither is registered. THIS ENTRY IS DOMAIN 4, GENERAL KNOWLEDGE AND COGNITION, AT THE PRESCHOOLER BAND. Alaska publishes NO SEPARATE MATHEMATICS DOMAIN at preschool age -- number, measurement, sorting and spatial awareness sit inside the general cognition domain alongside science and social studies content, so this row registers the five goals of that domain which are mathematical: 32 symbols to represent objects, 34 numbers and counting, 35 measurement, 36 sorting classifying and organizing, and 41 location and spatial relationships. GOAL 32 IS AN EDITORIAL JUDGEMENT AND IS FLAGGED AS ONE: "children use symbols to represent objects" is a general representational goal, and it is aligned here because using a numeral to stand for a quantity is where that begins. A department that reads it as a literacy goal instead should say so; nothing else in this row depends on it. ALASKA PUBLISHES NO GOAL FOR ARITHMETIC OPERATIONS AT THIS AGE, so the plan's operations strand is aligned to counting and to symbolic representation rather than to an addition

standard that does not exist in this document. Retrieved 2026-07-27 from
https://education.alaska.gov/State_Board/january2021/6A.2%20Early%20Learning%20Guidelines%209-4-2020.pdf