

North Carolina K 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	North Carolina
Grade	K (Early Childhood)
Subject	Mathematics
Course category	Core
Standards family	Mathematics
Framework	North Carolina Standard Course of Study, Mathematics
Issuing agency	North Carolina Department of Public Instruction
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 — Shapes I Can Name

Unit 3: Shapes All Around Me · Month 3 · Quarter 1 · Semester 1 · Instructional Days 41–45

Essential question	What are these shapes called?
Standards	Naming Shapes in Any Orientation -> NC.K.G.2 G — Correctly name squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres regardless of their orientations or overall size.
Learning target	"I can name a shape even if it is big or small."
Local dates	_____ (enter your school dates)

Measurable objectives

- Students will correctly name squares, circles, triangles, rectangles and hexagons.
- Students will name shapes regardless of size.

Success criteria (student-friendly)

- "I look at the sides."
- "I count the corners."
- "I say the shape name."

Academic vocabulary

square, circle, triangle, rectangle, hexagon

Materials and technology

- Shape cards in varied sizes
- Pattern blocks
- Geoboards
- Shape sorting mats
- Shape hunt sheets

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.
Advanced / extension	Ask the learner to teach the skill to a peer, extend the task, or record a demonstration for the class reference wall.

Support area	This week's plan
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

Shape naming check: five shapes named in varied sizes.

Family communication

Find a circle and a rectangle in your kitchen together.

Day 41 — Circles and Squares

Week 9, Day 1 • Unit 3 • Standards: NC.K.G.2

Focus	The two most familiar shapes.
Learning target	"I can name a shape even if it is big or small."
Vocabulary in use	square, circle, triangle
Local date	_____

Learning sequence

Warm-up: number of the day. Model: teacher names circles and squares. Guided: class sorts. Practice: children sort shape cards. Close: shape wall started.

Check for understanding

Student names a circle and a square correctly.

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 — Triangles Have Three

Week 9, Day 2 • Unit 3 • Standards: NC.K.G.2

Focus	Defining a triangle by its sides.
Learning target	"I can name a shape even if it is big or small."
Vocabulary in use	square, circle, triangle
Local date	_____

Learning sequence

Warm-up: shape wall. Model: teacher counts three sides and corners. Guided: class counts. Practice: children make triangles on geoboards. Close: triangle chart.

Check for understanding

Student states that a triangle has three sides.

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 — Rectangles and Squares

Week 9, Day 3 • Unit 3 • Standards: NC.K.G.2

Focus	Distinguishing related shapes.
Learning target	"I can name a shape even if it is big or small."
Vocabulary in use	square, circle, triangle
Local date	_____

Learning sequence

Warm-up: triangles. Model: teacher compares a rectangle and a square. Guided: class compares. Practice: children sort. Close: comparison chart.

Check for understanding

Student distinguishes a rectangle from a square.

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 — Six-Sided Hexagons

Week 9, Day 4 • Unit 3 • Standards: NC.K.G.2

Focus	Introducing the hexagon.
Learning target	"I can name a shape even if it is big or small."
Vocabulary in use	square, circle, triangle
Local date	_____

Learning sequence

Warm-up: rectangles. Model: teacher counts six sides. Guided: class counts. Practice: children find hexagons in pattern blocks. Close: shape wall complete.

Check for understanding

Student names a hexagon and counts its sides.

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 — Big Shapes and Small Shapes

Week 9, Day 5 • Unit 3 • Standards: NC.K.G.2

Focus	Size does not change the name.
Learning target	"I can name a shape even if it is big or small."
Vocabulary in use	square, circle, triangle
Local date	_____

Learning sequence

Warm-up: shape wall. Model: teacher shows a tiny and a huge triangle. Guided: class names both. Practice: children sort by name not size. Close: rule stated.

Check for understanding

Student names a shape correctly regardless of its size.

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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Source citation

North Carolina Department of Public Instruction. North Carolina Standard Course of Study, Mathematics. North Carolina does not offer Algebra I, Geometry or Algebra II. It teaches an integrated pathway - NC Math 1, 2, 3 and a fourth-level course - and this planner cites the NC Math course that corresponds to the catalog course name. Retrieved 2026-07-27 from <https://www.dpi.nc.gov/districts-schools/classroom-resources/office-teaching-and-learning/standard-course-study/mathematics>