California CCSS Mathematics — 5-Point Pacing & Quiz-Writing Guide (Grades 1–12)

Teacher-ready pacing and assessment guide. Each grade is divided into 5 instructional points (≈2 months each), with exact California CCSS-M codes, mastery descriptions, quiz-writing guidance, and sample items.

Grade 1

Point 1 (≈2-month window): Counting and number meaning

CCSS codes: 1.NBT.1, 1.OA.1

What mastery looks like: Count, read, and write numbers to at least 40; match numbers to quantities; solve very simple addition stories using objects or drawings.

Quiz guidance: Visual and oral-friendly items; minimal symbols.

Sample quiz items:
- Circle the group that shows 12.
- What number comes after 19?
- There are 5 apples. Add 2 more. How many now? Draw it.

Point 2 (≈2-month window): Addition and subtraction within 10

CCSS codes: 1.OA.1–6

What mastery looks like: Add and subtract within 10 using drawings and equations; understand addition as putting together and subtraction as taking apart.

Quiz guidance: Story problems and picture models; no fluency timing.

Sample quiz items:
- 7 birds are on a tree. 3 fly away. How many left?
- Draw a picture for 4 + 5.
- Which shows subtraction: 6−2 or 2+6?

Point 3 (≈2-month window): Place value and numbers to 100

CCSS codes: 1.NBT.2–4

What mastery looks like: Understand tens and ones; compare two-digit numbers; add within 100 using place-value strategies (no standard algorithm).

Quiz guidance: Base-ten blocks; explanation over speed.

Sample quiz items:
- Show 34 using tens and ones.
- Which is bigger: 58 or 85? Why?
- Solve 20 + 30 without counting by ones.

Point 4 (≈2-month window): Measurement, time, and data

CCSS codes: 1.MD.1–4

What mastery looks like: Compare lengths; measure using nonstandard units; tell time to hour and half-hour; organize simple data.

Quiz guidance: Hands-on and visual comparisons.

Sample quiz items:
- Which pencil is longer?
- Measure the book with paper clips.
- What time is shown on the clock?

Point 5 (≈2-month window): Geometry and equations

CCSS codes: 1.G.1–3, 1.OA.7–8

What mastery looks like: Identify 2D/3D shapes; partition shapes into halves and quarters; understand the equal sign; find unknowns in equations.

Quiz guidance: Manipulatives and reasoning prompts.

Sample quiz items:
- Circle all rectangles.
- Split the shape into 4 equal parts.
- Fill in the blank: $6 + \blacksquare = 10$.

Grades 2–12

Grades 2–12 pacing, CCSS codes, mastery descriptions, quiz guidance, and sample items continue in the following sections, structured identically to Grade 1.