

Grade 2 Mathematics Annual Learning Plan

Every unit, and every lesson inside it, for the whole school year. Nothing here is a summary; this is the list the material is built from.

10

UNITS

90

LESSONS

40

DOCUMENTS

736

PRINTED PAGES

What this course is

For a child who can count and add small numbers, and now needs method instead of fingers.

Grade 2 is the year method replaces counting on fingers. The Study Book shows one strategy per lesson and the Workbook makes it automatic, which is the only way the harder grades stay easy.

How it is arranged

Ten units, in the order they are meant to be taught. Every unit contains the same set of documents: Study Book, Workbook, Drill Book and a Unit Test. A unit is roughly a month of work at two classes a week, so the ten units are a school year.

It is written to be province-neutral. It follows what a Canadian student is expected to know in Grade 2 Mathematics, without being tied to the wording of one province.

What is not in it

There are no answers printed anywhere in this course. A child who can see the answer stops working out the question, and the working is the point. Marking guides exist and they stay with the tutor.

The year, unit by unit

Ten units, 90 lessons. The lesson names below are the real headings inside the Study Books.

WHEN	UNIT	THE LESSONS INSIDE IT
Month 1	Place Value	The 4 in 47 means four tens, Ten tens make one hundred, Three digits, three jobs, Say the hundreds first, Expanded form shows the value, One place on the line, Compare the hundreds first, Five or more rounds up, The step does not change
Month 2	Addition Strategies	Add whole hundreds and whole tens, Jump to the next ten first, Ones under ones, tens under tens, Ten ones become one ten, Ten tens become one hundred, Two carries in one sum, The equal sign balances, Round first, then check, Two steps, said out loud
Month 3	Subtraction Strategies	Take the hundreds, leave the rest, Hop back in easy steps, Ones under ones, tens under tens, Break a ten into ten ones, Break a hundred into ten tens, A zero sends you next door twice, Three numbers, four sentences, Estimate first, then check, Two steps, say the first one
Month 4	Early Multiplication	Four equal groups of three, The same number, added again, Four groups of three, Three rows of five, Turn it, same answer, The two times table, The ten times table, The five times table, Twelve shared into three
Month 5	Fractions	Equal parts, or it is not a fraction, One half of a shape and of a group, One quarter is two halves halved, One third is three equal parts, The bottom names, the top counts, One third of twelve is four, Three quarters is three of the four, The wall shows which is bigger, Half an hour, half a set
Month 6	Patterns	One little piece, again and again, Each step bigger by the same amount, Say the rule in words, Continue it, and fill the gaps, Shrinking takes the same amount away, Stripes down the hundred chart, In and out, with one rule, Odd and even, who is left over?, Steps in order make a route
Month 7	Shapes and Geometry	Name it by counting, One rule at a time, A cuboid is not a cube, Faces, edges, vertices, Two make one, The fold that works, Slide, flip, turn, Column, then row, Chosen for the job
Month 8	Measurement and Time	Measuring starts at the 0, Estimate, measure, compare, Centimetres or metres, Grams and kilograms, Millilitres and litres, Half past and the quarters, Minutes counted in fives, Days, weeks and months, The right tool, the right unit
Month 9	Money and Data	The bigger coin is not the bigger amount, One kind of coin, one skip count, Biggest coin first, then count on, More than one way to make 65c, The dot is a wall, Four upright, the fifth across, Read the key before the pictures, The scale steps in 2s, Impossible, unlikely, likely, certain

Tests, and what you can see

Assessment plan

WHAT	WHEN	COVERS
Unit test	End of each unit	The nine lessons of that unit, nothing from outside it.
Term 1	After Unit 3	Units 1 to 3 together.
Term 2	After Unit 6	Units 4 to 6, with Units 1 to 3 assumed.
Term 3	After Unit 9	Units 7 to 9, with everything before it assumed.
Final	End of Unit 10	The whole year, in one assessment.

How to use the year

Take one unit at a time and keep the order. Read the Study Book lesson first, because it teaches: one idea, a picture, a worked example, and the words to say. Then your child does the Workbook page that follows it. Keep the unit test for the end of the unit rather than partway through, so it measures the unit and not the lesson.

Print one unit at a time. Everything is built for ordinary letter paper, 8.5 by 11 inches.

What comes with the pack

- ✓ 40 printable documents, 736 pages
- ✓ Ten unit tests and one annual assessment
- ✓ This plan, so you always know where you are
- ✓ Unit 1 free, before you decide anything

If the explaining is the hard part

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