



Singapore Maths Innovative Learning Experience (SMILE International)

Grade 1 Content List

Grade 1

Start here for a strong base – kick start your child’s knowledge base, with innovative Singapore Math models. Learn to add and subtract using techniques like Making Tens and using Number Bonds, and more. Learn through stories on the order of numbers and their place values. Learn concepts of time, money and length through simple yet effective animation. Identify basic 2 dimensional and 3 dimensional shapes.

Content List

Whole Numbers

Title	Synopsis
Lesson 1	Learn to count, read and write numbers up to 10.
Lesson 2	Learn to count, read and write from 10 to 20.
Lesson 3	Numbers to 40 - count to 40 using tens and ones.
Lesson 4	Numbers to 100. Counting to 100.
Lesson 5	Numbers to 100. Counting to 100.
Lesson 6	Learn about place values and count in groups of ten.
Lesson 7	Practice questions on place values and count in groups of ten.
Lesson 8	Practice questions on place values and count in groups of ten.
Worksheet 1	Homework for Lessons 1 to 8.
Lesson 9	Introduction to the plus, and minus sign as well as more than and less than sign.
Lesson 10	Learn about “more than”, “fewer than”, “the same as” and “as many as”.
Lesson 11	Practice questions about "more than", "fewer than", "the same as" and "as many as".
Lesson 12	Practice questions about "more than", "fewer than", "the same as" and "as many as".
Worksheet 2	Homework for Lessons 9 to 12.
Lesson 13	Numbers to 10 - making number patterns.
Lesson 14	Numbers to 20 - compare and make number patterns.
Lesson 15	Find missing numbers in a number pattern.
Lesson 16	Practice finding missing numbers in a number pattern.
Lesson 17	Practice finding missing numbers in a number pattern.
Worksheet 3	Homework for Lessons 13 to 17.
Lesson 18	Learn about ordinal numbers (first, second and up to tenth).
Lesson 19	Ordinal Numbers and position.

Lesson 20	Practice questions about ordinal numbers.
Lesson 21	Practice questions about ordinal numbers.
Worksheet 4	Homework for Lessons 18 to 21.
Quiz 1	Recap of Lessons 1 to 21.
Lesson 22	Number bonds showing parts and whole.
Lesson 23	Learn about number bonds.
Lesson 24	Practice questions about number bonds.
Lesson 25	Practice questions about number bonds.
Worksheet 5	Homework for Lessons 22 to 25.
Lesson 26	Different ways to add within 10.
Lesson 27	Addition within 40 - addition involving three numbers and solving word problems.
Lesson 28	Addition up to two digit numbers with "make ten" method.
Lesson 29	Practice adding up to two digit numbers with "make ten" method.
Lesson 30	Practice adding up to two digit numbers with "make ten" method.
Worksheet 6	Homework for Lessons 26 to 30.
Lesson 31	Learn addition algorithm.
Lesson 32	Practice questions using addition algorithm.
Lesson 33	Practice questions using addition algorithm.
Worksheet 7	Homework for Lessons 31 to 33.
Lesson 34	Different ways to subtract within 10.
Lesson 35	Subtraction using 'make ten' method.
Lesson 36	Practice subtracting using 'make ten' method.
Lesson 37	Practice subtracting using 'make ten' method.
Worksheet 8	Homework for Lessons 34 to 37.
Lesson 38	Learn subtraction algorithm.
Lesson 39	Practice questions using subtraction algorithm.
Lesson 40	Practice questions using subtraction algorithm.
Lesson 41	Numbers to 20 - word problems.
Lesson 42	Numbers to 40 - word problems.
Worksheet 9	Homework for Lessons 38 to 42.
Lesson 43	Understand the relationship between addition and subtraction.
Lesson 44	Practice questions with addition and subtraction.
Lesson 45	Practice questions with addition and subtraction.
Worksheet 10	Homework for Lessons 43 to 45.
Quiz 2	Recap of Lessons 22 to 45.
Lesson 46	Summary of place value, more than, fewer than, as many as, number pattern, ordinal numbers.
Lesson 47	Summary of number bonds, addition (make ten), addition algorithm.
Lesson 48	Summary of number bonds, subtraction (make ten), subtraction algorithm.

Length

Title	Synopsis
Lesson 1	Measuring things with other things.
Lesson 2	Practice measuring things with other things.
Lesson 3	Practice measuring things with other things.
Lesson 4	Practice measuring things with other things.

Lesson 5	Using other objects to measure and compare length.
Lesson 6	Compare height and length.
Worksheet 1	Homework for Lessons 1 to 6.
Quiz 1	Recap of Lessons 1 to 6.

Money

Title	Synopsis
Lesson 1	Counting money in cents up to \$1, and dollars up to \$100.
Lesson 2	Practice counting money in cents up to \$1, and dollars up to \$100.
Lesson 3	Practice counting money in cents up to \$1, and dollars up to \$100.
Lesson 4	Summary on counting money in cents up to \$1, and dollars up to \$100.
Worksheet 1	Homework for Lessons 1 to 4.
Quiz 1	Recap of Lessons 1 to 4.

Shapes

Title	Synopsis
Lesson 1	Identifying 2-dimensional shapes.
Lesson 2	Practice identifying 2-dimensional shapes.
Lesson 3	Practice identifying 2-dimensional shapes.
Lesson 4	Summary on Identifying 2-dimensional shapes.
Worksheet 1	Homework for Lessons 1 to 4.
Quiz 1	Recap of Lessons 1 to 4.
Lesson 5	Learn about semi circles and quarter circles.
Lesson 6	Practice identifying semi circles and quarter circles.
Worksheet 2	Homework for Lessons 5 to 6.
Quiz 2	Recap of Lessons 5 and 6.
Lesson 7	Learn about cubes, cuboids, cones, cylinders and spheres.
Lesson 8	Practice identifying cubes, cuboids, cones, cylinders and spheres.
Lesson 9	Shapes and Solids - Identification, classification and combining shapes to make figures.
Lesson 10	Shapes and Solids - Identification, classification and combining shapes to make figures.
Worksheet 3	Homework for Lessons 7 to 10.
Quiz 3	Recap of Lessons 7 to 10.

Time

Title	Synopsis
Lesson 1	Telling time to the half-hour or hour.
Lesson 2	Practice telling time to the half-hour or hour.
Lesson 3	Practice telling time to the half-hour or hour.
Lesson 4	Practice telling time to the half-hour or hour.
Lesson 5	Summary on telling time to the half-hour or hour.
Worksheet 1	Homework for Lessons 1 to 5.
Quiz 1	Recap of Lessons 1 to 5.

Statistics

Title	Synopsis
Lesson 1	Reading and interpreting picture graphs.
Lesson 2	Reading and interpreting picture graphs.
Lesson 3	Practice reading and interpreting picture graphs.
Lesson 4	Practice reading and interpreting picture graphs.
Lesson 5	Practice reading and interpreting picture graphs.
Worksheet 1	Homework for Lessons 1 to 5.
Quiz 1	Recap of Lessons 1 to 5.