



## Singapore Maths Innovative Learning Experience (SMILE International)

### Grade 2 Content List

#### Grade 2

Build on the foundations of Grade One through more stories and journeys with our animated friends. Learn about Numbers and their operations especially multiplication and division. Get an early introduction to the idea of fractions. Learn how to tell the time.

#### Content List

##### Whole Numbers

Title	Synopsis
Lesson 1	Count, read and write numbers up to 1000.
Lesson 2	Learn about hundreds place values.
Lesson 3	Practice questions about hundreds place values.
Lesson 4	Practice questions about hundreds place values.
Worksheet 1	Homework for Lessons 1 to 4.
Lesson 5	Compare and order numbers up to 1000.
Lesson 6	Compare and order numbers up to 1000.
Lesson 7	Comparing and ordering number in number patterns.
Lesson 8	Practice comparing and ordering numbers in number patterns.
Lesson 9	Practice comparing and ordering numbers in number patterns.
Worksheet 2	Homework for Lessons 5 to 9.
Lesson 10	Learn about odd and even numbers.
Lesson 11	Practice questions about odd and even numbers.
Lesson 12	Practice questions about odd and even numbers.
Worksheet 3	Homework for Lessons 10 to 12.
Quiz 1	Recap of Lessons 1 to 12.
Lesson 13	Adding and Subtracting within 1000.
Lesson 14	Practice adding and subtracting within 1000.
Lesson 15	Practice adding and subtracting within 1000.
Lesson 16	Addition and subtraction in word problem with models.
Lesson 17	Addition and subtraction in word problem with models.
Worksheet 4	Homework for Lessons 13 to 17.
Lesson 18	Learn that multiplication is the same as adding groups of the same number.
Lesson 19	Learn that multiplication is the same as adding groups of the same number.
Lesson 20	Practice simple multiplication questions.
Lesson 21	Practice simple multiplication questions.
Worksheet 5	Homework for Lessons 18 to 21.

Lesson 22	Learn that dividing is to share something equally.
Lesson 23	Practice simple division questions.
Lesson 24	Practice simple division questions.
Lesson 25	Division - Share equally and finding the number of equal groups.
Worksheet 6	Homework for Lessons 22 to 25.
Quiz 2	Recap of Lessons 22 to 25
Lesson 26	Summary of the idea of multiplication and division.
Lesson 27	2, 5 and 10 multiplication tables.
Lesson 28	Practice questions on 2, 5 and 10 multiplication.
Lesson 29	Practice questions on 2, 5 and 10 multiplication.
Worksheet 7	Homework for Lessons 26 to 29.
Lesson 30	Dividing by 2, 5 and 10.
Lesson 31	Practice questions on division by 2, 5 or 10.
Lesson 32	Practice questions on division by 2, 5 or 10.
Worksheet 8	Homework for Lessons 30 to 32.
Lesson 33	3 and 4 multiplication tables.
Lesson 34	4 multiplication table.
Lesson 35	Practice questions on 3 and 4 multiplication.
Lesson 36	Practice questions on 3 and 4 multiplication.
Worksheet 9	Homework for Lessons 33 to 36.
Lesson 37	Dividing by 3 and 4.
Lesson 38	Practice questions on division by 3 and 4.
Lesson 39	Practice questions on division by 3 and 4.
Worksheet 10	Homework for Lessons 37 to 39.
Lesson 40	Solving two-step word problem with addition and subtraction using models.
Lesson 41	Summary on hundreds place value, comparing and ordering, number patterns, odd and even numbers, addition and subtraction within 1000.
Lesson 42	Multiplication and division.
Lesson 43	Summary on multiplication and division by 2, 3, 4, 5 and 10.

### **Fractions**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Introduction to fractions.
Lesson 2	Practice questions about fractions and unit fractions.

### **Length**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Measuring length in inches and feet.
Lesson 2	Addition, subtraction, multiplication and division in inches and feet.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap of Lessons 1 and 2.
Lesson 3	Measuring length in centimetres and metres.
Lesson 4	Measure and compare metre and centimetres.
Lesson 5	Practice measuring length in centimetres and metres.
Lesson 6	Practice measuring length in centimetres and metres.
Worksheet 2	Homework for Lessons 3 to 6.

Quiz 2	Recap of Lessons 3 to 6.
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### **Mass**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Measuring mass in pounds and ounces.
Worksheet 1	Homework for Lessons 1.
Quiz 1	Recap of Lesson 1.
Lesson 2	Measuring mass in grams and kilograms.
Lesson 3	Practice measuring mass in grams and kilograms.
Lesson 4	Practice measuring mass in grams and kilograms.
Worksheet 2	Homework for Lessons 2 to 4.
Quiz 2	Recap of Lessons 2 to 4.
Lesson 5	Four operations involving Mass.
Lesson 6	Four operations involving Mass.

### **Money**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Counting money in dollars and cents. Converting dollars to cents.
Lesson 2	Counting money in dollars and cents. Converting dollars to cents.
Lesson 3	Counting money in dollars and cents. Converting dollars to cents.
Lesson 4	Practice counting money in dollars and cents, and converting dollars to cents.
Lesson 5	Practice counting money in dollars and cents, and converting dollars to cents.
Worksheet 1	Homework for Lessons 1 to 5.
Quiz 1	Recap of Lessons 1 to 5.
Lesson 6	Introducing bills, quarters, dimes, nickels and pennies.
Lesson 7	Simple conversion of money in US system.
Lesson 8	Solving word problems on money.
Worksheet 2	Homework for Lessons 6 to 8.
Quiz 2	Recap of Lessons 6 to 8.

### **Time**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Learn about a.m. and p.m. in telling time.
Lesson 2	Telling time to 5 minutes. Identify the duration of time in hours and/or half hour. Learn abbreviations of h and min.
Lesson 3	Practice telling using a.m. or p.m.
Lesson 4	Practice telling time to 5 minutes.
Lesson 5	Practice identifying the duration of time in hours and/or half hour.
Worksheet 1	Homework for Lessons 1 to 5.
Quiz 1	Recap of Lessons 1 to 5.

### **Volume**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Knowing about volume.
Lesson 2	Using litres to measure volume.
Lesson 3	Measuring volume of liquids in litres and millilitres.
Lesson 4	Practice measuring volume of liquids in litres and millilitres.
Lesson 5	Practice measuring volume of liquids in litres and millilitres.
Worksheet 1	Homework for Lessons 1 to 5.
Quiz 1	Recap of Lessons 1 to 5.
Lesson 6	Measure liquids in different units in US system.
Lesson 7	Four operations involving Volume.
Worksheet 2	Homework for Lessons 6 and 7.
Quiz 2	Recap of Lessons 6 and 7.

### **Statistics**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Reading and interpreting picture graphs with scales.
Lesson 2	Reading and interpreting picture graphs with scales.
Lesson 3	Practice reading and interpreting picture graphs with scales.
Lesson 4	Practice reading and interpreting picture graphs with scales.
Worksheet 1	Homework for Lessons 1 to 4.
Quiz 1	Recap of Lessons 1 to 4.