



## Singapore Maths Innovative Learning Experience (SMILE Singapore)

### Primary 2 Content List

#### Primary 2

Build on the foundations of Primary One as you progress to the next level. Visualise and appreciate Fractions and their relations to numbers. Experience how to add and subtract simple fractions with step-by-step visual explanations to build up confidence. Learn to spot different shapes in our daily lives and 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	2, 5 and 10 multiplication tables.
Lesson 19	Practice questions on 2, 5 and 10 multiplication.
Lesson 20	Practice questions on 2, 5 and 10 multiplication.
Worksheet 5	Homework for Lessons 18 to 20.

Lesson 21	Dividing by 2, 5 and 10.
Lesson 22	Practice questions on division by 2, 5 or 10.
Lesson 23	Practice questions on division by 2, 5 or 10.
Worksheet 6	Homework for Lessons 21 to 23.
Lesson 24	3 and 4 multiplication tables.
Lesson 25	4 multiplication table.
Lesson 26	Practice questions on 3 and 4 multiplication.
Lesson 27	Practice questions on 3 and 4 multiplication.
Worksheet 7	Homework for Lessons 24 to 27.
Lesson 28	Dividing by 3 and 4.
Lesson 29	Practice questions on division by 3 and 4.
Lesson 30	Practice questions on division by 3 and 4.
Worksheet 8	Homework for Lessons 28 to 30.
Quiz 2	Recap of Lessons 13 to 30.
Lesson 31	Solving two-step word problem with addition and subtraction using models.
Lesson 32	Summary on hundreds place value, comparing and ordering, number patterns, odd and even numbers, addition and subtraction within 1000.
Lesson 33	Multiplication and division.
Lesson 34	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	Introduction to fractions.
Lesson 3	Introduction to fractions.
Lesson 4	Learn about fractions and unit fractions.
Lesson 5	Practice questions about fractions and unit fractions.
Lesson 6	Practice questions about fractions and unit fractions.
Lesson 7	Practice questions about fractions and unit fractions.
Worksheet 1	Homework for Lessons 1 to 7.
Lesson 8	Addition of like fractions.
Lesson 9	Practice adding like fractions.
Lesson 10	Practice adding like fractions.
Worksheet 2	Homework for Lessons 8 to 10.
Lesson 11	Subtraction of like fractions.
Lesson 12	Practice subtracting like fractions.
Lesson 13	Practice subtracting like fractions.
Worksheet 3	Homework for Lessons 11 to 13.
Quiz 1	Recap of Lessons 1 to 13.

## **Length**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Measuring length in centimetres and metres.
Lesson 2	Measure and compare centimetres and metres.
Lesson 3	Practice measuring length in centimetres and metres.
Lesson 4	Practice measuring length in centimetres and metres.
Worksheet 1	Homework for Lessons 1 to 4.
Quiz 2	Recap of Lessons 1 to 4.

## **Mass**

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

## **Shapes**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Learn about semicircles and quarter circles.
Lesson 2	Practice identifying semicircles and quarter circles.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap of Lessons 1 and 2.
Lesson 3	Learn about cubes, cuboids, cones, cylinders and spheres.
Lesson 4	Practice identifying cubes, cuboids, cones, cylinders and spheres.
Lesson 5	Shapes and Solids - Identification, classification and combining shapes to make figures.
Lesson 6	Shapes and Solids - Identification, classification and combining shapes to make figures.
Worksheet 2	Homework for Lessons 3 to 6.
Quiz 2	Recap of Lessons 3 to 6.

### **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.

### **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	Four operations involving volume.