



## Singapore Maths Innovative Learning Experience (SMILE Philippines)

### 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. Learn the difference types of measurements. Expand the knowledge on Fractions.

### Content List

#### Whole Numbers

Title	Synopsis
Lesson 1	Learn about ordinal numbers from 11th to 20th.
Worksheet 1	Homework for Lesson 1.
Quiz 1	Recap for Lesson 1.
Lesson 2	Learn that multiplication is the same as adding groups of the same number.
Lesson 3	Learn that multiplication is the same as adding groups of the same number.
Lesson 4	Practice simple multiplication questions.
Lesson 5	Practice simple multiplication questions.
Worksheet 2	Homework for Lessons 2 to 5.
Lesson 6	Learn that dividing is to share something equally.
Lesson 7	Practice simple division questions.
Lesson 8	Practice simple division questions.
Lesson 9	Division - share equally and finding the number of equal groups.
Worksheet 3	Homework for Lessons 6 to 9.
Lesson 10	Summary of multiplication and division.
Quiz 2	Recap of Lessons 2 to 10.
Lesson 11	Count, read and write numbers up to 1000.
Lesson 12	Learn about hundreds place values.
Lesson 13	Practice questions about hundreds place values.
Lesson 14	Practice questions about hundreds place values.
Worksheet 4	Homework for Lessons 11 to 14.
Lesson 15	Compare and order numbers up to 1000.
Lesson 16	Compare and order numbers up to 1000.
Lesson 17	Comparing and ordering number in number patterns.
Lesson 18	Practice comparing and ordering numbers in number patterns.
Lesson 19	Practice comparing and ordering numbers in number patterns.
Worksheet 5	Homework for Lessons 15 to 19.
Lesson 20	Adding and Subtracting within 1000.

Lesson 21	Practice adding and subtracting within 1000.
Lesson 22	Practice adding and subtracting within 1000.
Lesson 23	Addition and subtraction in word problem with models.
Lesson 24	Addition and subtraction in word problem with models.
Worksheet 6	Homework for Lessons 20 to 24.
Quiz 3	Recap of Lessons 20 to 24.
Lesson 25	Learn to form numbers (combination of greatest / least / odd / even) from given digits.
Worksheet 7	Homework for Lesson 25.
Quiz 4	Recap of Lesson 25.
Lesson 26	2, 5 and 10 multiplication tables.
Lesson 27	Practice questions on 2, 5 and 10 multiplication.
Lesson 28	Practice questions on 2, 5 and 10 multiplication.
Worksheet 8	Homework for Lessons 26 to 28.
Lesson 29	Dividing by 2, 5 and 10.
Lesson 30	Practice questions on division by 2, 5 or 10.
Lesson 31	Practice questions on division by 2, 5 or 10.
Worksheet 9	Homework for Lessons 29 to 31.
Lesson 32	3 and 4 multiplication tables.
Lesson 33	4 multiplication table.
Lesson 34	Practice questions on 3 and 4 multiplication.
Lesson 35	Practice questions on 3 and 4 multiplication.
Worksheet 10	Homework for Lessons 32 to 35.
Lesson 36	Dividing by 3 and 4.
Lesson 37	Practice questions on division by 3 and 4.
Lesson 38	Practice questions on division by 3 and 4.
Worksheet 11	Homework for Lessons 36 to 38.
Quiz 5	Recap of Lessons 26 to 38.
Lesson 39	Solving two-step word problem with addition and subtraction using models.
Lesson 40	Summary on hundreds place value, comparing and ordering, number patterns, odd and even numbers, addition and subtraction within 1000.
Lesson 41	Multiplication and division.
Lesson 42	Summary on multiplication and division by 2, 3, 4, 5 and 10.

### **Money**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Count and compare money up to PhP100.
Worksheet 1	Homework for Lesson 1.
Quiz 1	Recap of Lesson 1.
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	Counting money in dollars and cents. Converting dollars to cents.
Lesson 5	Practice counting money in dollars and cents, and converting dollars to cents.
Lesson 6	Practice counting money in dollars and cents, and converting dollars to cents.
Worksheet 2	Homework for Lessons 2 to 6.
Lesson 7	Solving word problems on money.
Quiz 2	Recap of Lessons 2 to 7.

## Fractions

Title	Synopsis
Lesson 1	Learn about fractions and unit fractions.
Lesson 2	Practice questions about fractions and unit fractions.
Lesson 3	Practice questions about fractions and unit fractions.
Lesson 4	Practice questions about fractions and unit fractions.
Worksheet 1	Homework for Lessons 1 to 4.
Lesson 5	Addition of like fractions.
Lesson 6	Practice adding like fractions.
Lesson 7	Practice adding like fractions.
Worksheet 2	Homework for Lessons 5 to 7.
Lesson 8	Subtraction of like fractions.
Lesson 9	Practice subtracting like fractions.
Lesson 10	Practice subtracting like fractions.
Worksheet 2	Homework for Lessons 8 to 10.
Quiz 1	Recap of Lessons 1 to 10.

## Geometry

Title	Synopsis
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.
Lesson 7	Tessellate a surface using triangles and squares.
Worksheet 3	Homework for Lesson 7.
Lesson 8	Learn what are lines of symmetry.
Worksheet 4	Homework for Lesson 8.
Quiz 3	Recap of Lesson 8.

## Time

Title	Synopsis
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.

### **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.

### **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.

### **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.
Lesson 5	"Understand "chance" and use the terms "likely", "unlikely" and "equally likely" to describe situations.

**Area**

<b>Title</b>	<b>Synopsis</b>
Lesson 1	Calculating area in square tiles.
Lesson 2	Calculating area in square tiles.
Worksheet 1	Homework for Lessons 1 and 2.
Quiz 1	Recap for Lessons 1 and 2.