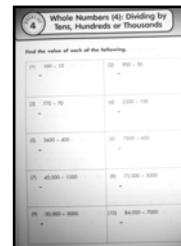
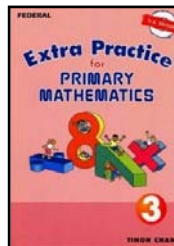


# Singapore Math Extra Practice Alignment with Everyday Math: Grades 1-5



This guide was developed to support teachers in using the exercises found in the Singapore Extra Practice (SEP) book, which may be used as a supplement to support lessons in Everyday Math (EDM). This guide presents information for each grade level, 1<sup>st</sup>-5<sup>th</sup>. One may use it in at least two ways: 1) Looking at the EDM lesson to be taught and finding the supportive exercises to use as supplemental material. 2) Looking in the topic column to find the concept/skill that needs extra support and then determining the exercises that have that focus.

Most EDM lessons will be supported by one or more exercises in SEP. An exercise is a collection of problems on 1-3 pages that focus on a single concept/skill. These exercises are further divided into lettered (i.e., A, B, C....) sections. Where an exercise supports more than one lesson, you will find an asterisk (\*) next to that exercise number. Grades 2 and 4 have at least one EDM unit without supporting material in SEP, so there are blank cells across the row for those units.

Singapore Extra Practice books present exercises in a format that makes it a challenge to direct a teacher to just a page number. Some pages have more than one section and present problems in more or less abstract ways. The exercises are frequently divided into lettered sections. You may find that only some of the problems are appropriate for individual children. You may direct your children to do specific problems in the exercise or all the problems. In some of the exercises, you will find that only the top part or the bottom part are appropriate and will need to cut your worksheet in half - yes, worksheets. At this time, the Singapore Extra Practice books are not consumable and you will need to find a way for your children to work on the problems without consuming the books.

The Alignment team has done its best to make this accurate but as you use this guide, any suggested changes or comments may be sent to Joseph Thompson (Hawthorne) or Linda Cantrell (Loyal Heights). We will make changes as needed and send out new versions as appropriate.

# Singapore Math Extra Practice Alignment with Everyday Mathematics Grade 1

EDM Unit	EDM Lesson	SM Extra Practice Exercises	Extra Practice Page	Topic
1	1♦1	1	1, 2	Numbers To 10
		2	3, 4	Numbers To 10
	1♦6	21 *	50, 51	Comparing Numbers
		22	52, 53	Comparing Numbers
2	2♦3	3	5-7	Addition Within 10
		4 *	8, 9	Addition Within 10
		5 *	10, 11	Addition Within 10
		6 *	12-15	Addition Within 10
		7 *	16	Addition Within 10
	2♦4	14	34, 35	Addition to 20
	2♦6	34 *	79A	Time to the Hour
	2♦13	7	17	Word Problems With Addition
3	3♦4	17 *	40-44	Shapes
	3♦7	34 *	79B, 80	Time To The Half Hour
	3♦13	23	54, 55	Graphing
4	4♦4	19	45-47	Measuring Length
	4♦8	34 *	79, 80	Time to the Half Hour
	4♦12	4 *	8, 9	Addition Within 10
		5 *	10, 11	Addition Within 10
		6 *	12-15	Addition Within 10
		7 *	16	Addition Within 10
5	5♦2	26	61, 62, 81B	Place Value
		35	83G	Place Value
	5♦4	20	48, 49	Weight
	5♦6	21 *	51-53, 62C	More/Less
	5♦8	35	83F	Part/Part/Whole
6	6♦2	24	56B	Equivalent Names for Numbers
		25	59C	Equivalent Names for Numbers
		13 *	31C	Equivalent Names for Numbers
		35	81A, 82C,E	Equivalent Names for Numbers
	6♦3	13 *	30, 31D, E	Addition Within 20
	6♦5	8	18, 19	Subtraction Within 10
		9	20, 21	Subtraction Within 10
		10	22-23	Subtraction Within 10
11		25-27	Word Problems With Subtraction	
7		17 *	40-44	Shapes
		18	43, 44	Shapes
8	8♦3	27	63-65	Addition Within 40
		36	84, 85	Numbers to 100
	8♦4	39	92-94	Word Problems With Money
	8♦8	32	76, 77	Equal Shares
	8♦9	33 *	78	Fractional Parts
9	9♦2	28	69	Adding and Subtracting Tens
		15	36, 37	Subtraction Within 20
		16	38, 39	Subtraction and Addition Within 20
		37	86-88	Addition Within 100
		38	89, 90, 91E	Subtraction Within 100
	9♦6	33 *	78	Fractional Parts
10	10♦4	40	95, 96	Making Change

\* This exercise supports more than one EDM lesson.

## Singapore Math Extra Practice Alignment with Everyday Mathematics Grade 2

EDM Unit	EDM Lesson	SM Extra Practice Exercises	Extra Practice Page	Topic
1				
2				
3				
4	4♦6	1	3	2-Digit Addition
	4♦8	4	9, 10	2-Digit Addition and Subtraction
		5	11, 12	2-Digit Addition and Subtraction
4♦9	6	13, 14	2 and 3 Digit Addition With No Renaming	
5	5♦6	35	99, 100	Geometric Shapes, 3-D Shapes
6	6♦5	7	15-17	2-Digit Subtraction
	6♦8	10	23-24	Subtraction With Renaming
		11	25, 26	Subtraction With Renaming
7	7♦6	33	95, 96	Graphing
		34	97, 98	Graphing
8	8♦1	27	79-83	Fraction With Halves, Fourths
	8♦2	28	84-86	Fractions - Halves Through Ninths
		31	91, 92	Volume, Capacity
		32	93, 94	Word Problems With Volume, Capacity
9	9♦1	12 *	29	Measurement: Yard and Meter
	9♦2	12 *	27, 28	Measurement: Centimeter and Meter
	9♦7	36	101, 102	Area
	9♦9	13	30, 31	Weight: Pound, Kilogram, Gram
10	10♦1	25 *	72	Dollar and Coin Combinations
	10♦2	25 *	72, 73	Decimals and Money
	10♦4	26	77, 78	Problem Solving With Money
11	11♦4	14	32-36	Multiplication: Equal Groups and Problem Solving
		16	42-45	Multiplication: Equal Groups and Problem Solving
		17	46-50	Multiplication: Equal Groups and Problem Solving
		22 *	65, 66C, 67F	Multiplication: Equal Groups and Problem Solving
	11♦5	15	37-41	Division Models
		18	51-54	Division Models and Problem Solving
		19	55-58	Division Models and Problem Solving
	22 *	66D, E, 67	Division Models and Problem Solving	
12	12♦2	29	87, 88	Time To 5-Minute Intervals
		30	89, 90	Time To 5-Minute Intervals

\* *This exercise supports more than one EDM lesson.*

## Singapore Math Extra Practice Alignment with Everyday Mathematics Grade 3

EDM Unit	EDM Lesson	SM Extra Practice Exercises	Extra Practice page	Topic
1	1♦1	1 *	1, 2	Numbers to 10,000
		2 *	3A	Numbers to 10,000
	1♦2	2 *	3B, 4	Numbers to 10,000 with Addition
	1♦4	36	93	Telling Time to Five Minutes
	1♦5	31 *	80, 81	Bar Graphs
		32 *	82, 83	Bar Graphs
1♦10	16	41, 42	Money	
2	2♦1	21	52A	Number Families (Number Triangles)
	2♦4	27 *	69	Part-and-Total Number Stories
	2♦5	17	43-45	Money: Addition and Subtraction
		18	46, 47	Money: Addition and Subtraction
		19	48, 49	Money: Addition and Subtraction
		20	50, 51	Money: Addition and Subtraction
3♦4	42 *	111	Perimeter in metric units	
3♦6	42 *	112, 113	Perimeters and Areas in Metric Units	
	41	108, 110	Area with Grid Paper	
4	4♦2	7 *	15A, B	Multiplication
	4♦3	7 *	15C, 16A	Division
	4♦6	7 *	16E, F	Division
	4♦7	8	17	Multiplication and Division Story Problems
5	5♦2	1 *	1, 2	Place Value
	5♦3	2 *	3, 4	Place Value
	5♦5	36	95, 96	Elapsed Time
	5♦10	23	58A	Length in Metric Units
6	6♦6	39	104, 105	Polygons
7	7♦2	12 *	24	Multiplication and Division
		13 *	28	Multiplication and Division
		14 *	32	Multiplication and Division
		15 *	36, 37	Multiplication and Division
	7♦3	7 *	16G	Multiplication and Division
8	8♦3	33	84-86	Fractions
	8♦5	35	90-92	Equivalent Fractions
	8♦6	34	87-89	Ordering Fractions
	8♦8	27 *	70, 71	Proportional Reasoning/Fractions
9	9♦4	12 *	25	Multiplication
		13 *	29C	Multiplication
		14 *	33	Multiplication
		15 *	38	Multiplication
10	10♦4	25	63-68	Weight
		28	72-74	Capacity
	10♦5	29	75, 76	Capacity
		30	77-79	Capacity
	10♦6	31 *	80, 81	Graphing
		32 *	82, 83	Graphing
11				

\* This exercise supports more than one EDM lesson.

## Singapore Math Extra Practice Alignment with Everyday Mathematics Grade 4

EDM Unit	EDM Lesson	SM Extra Practice Exercises	Extra Practice page	Topic
1	1♦3	17 *	51-53	Measuring Angles
		18 *	54	Measuring Angles
		19 *	55, 56	Measuring Angles
		20	57, 58	Measuring Angles
	1♦4	21	59,60	Parallel Lines
2	2♦3	1	1-3	Identifying Values of Digits
	2♦5	15	43, 44	Organizing and Displaying Data
	2♦7	1 *	4,5	Multi-digit Addition Problems
	2♦8	15	45-47	Entering and Analyzing Data In a Graph
	2♦9	1 *	4,5	Multi-digit Subtraction Problems
3	3♦2	3	6-8	Factors and Multiples
	3♦7	4	9A, 10C	Multiplication
	3♦8	5	11-13	Solving Number Stories (Mult. & Div.)
4	4♦2	25 *	82, 83	Decimals to the Hundredths
	4♦3	27	87, 88	Comparing Decimals
	4♦5	29	91, 92	Addition and Subtraction of Decimals
		30	93, 94	Addition and Subtraction of Decimals
	4♦6	31	95, 96	Problems with Decimals, Including Money
	4♦7	26 *	85, 86	Decimals to the Thousandths
5				
6	6♦1	5 *	11-13	Solving Number Stories (Mult. & Div.)
	6♦7	16	48-50	Measuring Angles
		17 *	51-53	Measuring Angles
		18 *	54	Measuring Angles
		19 *	55, 56	Measuring Angles
7	7♦7	6 *	14-16	Equivalent Fractions
	7♦8	24	80, 81	Decimals - Tenths
		25 *	82-84	Decimals - Hundredths
		26 *	85, 86	Decimals - Thousandths
	7♦9	6 *	15E	Comparing Fractions
8	8♦5	22	62-66	Area and Perimeter
		23	67-70	Area and Perimeter
9	9♦8	32	104, 105	Multiplication With Decimals
	9♦9	33	106-108	Division With Decimals
		34	109, 110	Money: Multiplication and Division
		35	111, 112	Money: Multiplication and Division
		36	113-115	Money: Word Problems
		37	116-118	Money: Word Problems
10	10♦4	39	121-124	Symmetry
11	11♦7	40	125-130	Volume
12				

\* This exercise supports more than one EDM lesson.

## Singapore Math Extra Practice Alignment with Everyday Mathematics Grade 5

EDM Unit	EDM Lesson	SM Extra Practice Exercises	Extra Practice Page	Topic
1	1♦3	11 *	21, 22	Factors and Multiples
	1♦9	11 *	21, 22	Factors and Multiples
2	2♦2	1	1-2	Place Value
		28 *	63, 64B, 65E, 66F	Place Value
		28 *	64C, 65D, 66G	Addition and Subtraction of Decimals
		30 *	69 (# 1, 2)	Addition of Decimals
		30 *	70 (# 3,4)	Subtraction of Decimals
	2♦3	28	64C, 65D, 66G	Addition and Subtraction of Decimals
	2♦7	2 *	4, 5 (# 1-8)	Estimation
	2♦8	8	16	Multiplication By a Two-digit Number
		10 *	18 (# 1-7)	Multiplication By a Two-digit Number
		31	72, 73	Multiplication By a Two-digit Number
		33	76-78	Multiplication By a Two-digit Number
	2♦9	3	6	Multiplication by Tens, Hundreds, Thousands
		30 *	70 D (# 5, 6)	Multiplication With Decimals
2♦10	1	3	Comparing Millions	
3	3♦4	27	53, 54	Angles
		42	102-105	Angles in Triangles
		43	106, 107	Angles in 4-Sided Figures
	3♦8	44	108-112	Tessellations
	3♦9	42	102-107	Angles of Polygons
4	4♦1	6	10	Mental Calculations
	4♦2	9	17	Division
		10 *	18 (# 8) - 20	Division
	4♦4	4	7	Division by Tens, Hundreds, Thousands
		7	11-15	Word Problems with +, -, X, /
	4♦5	2 *	5 (# 9-16)	Estimation with Multiplication and Division
		32 *	74, 75	Division of Decimal Numbers
5	5♦2	12	23	Mixed Fractions
		13 *	24	Mixed Fractions
		13 *	25	Word Problems with Mixed Fractions
	5♦5	29	67, 68	Decimals
		30 *		
	5♦7	30 *	70 E, 71 F	Fractions and Decimals
	5.7	30 *	71 G	Word Problems with Decimals
	5♦8	35 *	81-83	Percentage
		36 *	84, 85	Percentage
		37 *	86,87	Percentage Word Problems
		38 *	88-90	Percentage Word Problems
5♦9	41 *	97, 98	Bar Graphs	
6	6♦1	39	91-93	Average/Mean
7	7♦2	31	72, 73	Powers of 10
		32 *	74	Powers of 10
	7♦5	5	8, 9	Order of Operations
	7♦6	41 *	99-101	Line Graphs
8	8♦2	14 *	26	Addition of Fractions
		15	28	Addition of Mixed Numbers
	8♦3	14 *	27	Subtraction of Fractions
		16	29	Subtraction of Mixed Numbers
		17	30, 31	Word Problems With +, - of Fractions

EDM Unit	EDM Lesson	SM Extra Practice Exercises	Extra Practice Page	Topic
8	8♦6	19	35	Multiplication of Fractions
	8♦8	18 *	32 (# 1-6)	Multiply Mixed Numbers
	8♦9	35 *	81-83	Percentages
		36 *	84-85	Percentages
		37 *	86, 87	Word Problems with Percentages
		38 *	88-90	Word Problems with Percentages
	8♦12	20	36	Division of Fractions
		21	37-40	Word Problems with X, / of Fractions
22		41-43	Word Problems with X, / of Fractions	
9	9♦6	23	44-46	Area of Triangles
10	10♦4	40	94-96	Rate
	10♦7	41 *	99-101	Line Graphs
11	11♦3	45	113-116	Volume
		46	117-119	Word Problems with Volume
	11♦6	18 *	32 B-34	Equivalent Measures of Capacity and Weight
		34	79, 80	Conversion of Measurements With Decimals
12	12♦4	24	47	Ratio
		25 *	48 A, B	Ratio
	12♦5	25 *	48 C-50	Word Problems with Ratio

\* *This exercise supports more than one EDM lesson.*