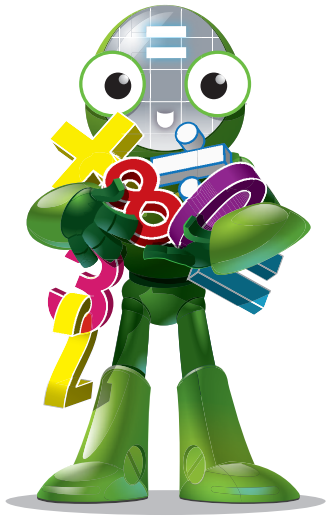
max maths primary

A Singapore Approach

PRIMARY • YEARS 1 – 6



Cambridge Primary English National Curriculum Framework objectives

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INTERNATIONAL CURRICULUM

Year 1	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
1. count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Stage 1 pages 4-7, 12-14, 30-31, 79-83 Stage 2 pages 4-10	Stage 1 pages 2-18, 38-47 Stage 2 pages 2-7	Stage 1 pages 1-3, 6-7 Stage 2 pages 1-2	Stage 1 Activities 1.1, 1.2	Stage 1 Unit 1, p. 2
2. count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens	Stage 1 pages 8-10, 15-18, 79-83 Stage 2 pages 4-5	Stage 1 pages 2-18, 38-47 Stage 2 pages 2-7	Stage 1 pages 1-3, 6-7 Stage 2 page 3	Stage 1 Activity 2.4	
3. given a number, identify one more and one less	Stage 1 pages 32-40	Stage 1 pages 46-47	Stage 2 pages 26, 33	Stage 1 Activity 1.4	
4. identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Stage 1 pages 19-29 Stage 2 pages 15-20, 22	Stage 1 pages 22-37 Stage 2 pages 10-23	Stage 2 pages 11-13	Stage 1 Activities 1.3, 1.4 Stage 2 Activity 1.2	Stage 2 Unit 1, p. 2
5. read and write numbers from 1 to 20 in numerals and words.	Stage 1 pages 4-40	Stage 1 pages 2-47, 73-74	Stage 1 pages 1-3, 6-7	Stage 1 Activities 1.1-1.4	
6. read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	Stage 1 pages 48-53, 94-100	Stage 1 pages 56-72, 75-91, 102-123 Stage 2 page 30	Stage 1 pages 12, 16-17, 21-23, 26-28, 33 Stage 2 pages 16, 18, 21-23	Stage 1 Activities 2.1, 2.3, 3.1, 3.2. 3.3, 3.4, 3.5 Stage 2 Activities 2.1, 2.3	Stage 1 Unit 3
7. represent and use number bonds and related subtraction facts within 20	Stage 1 pages 54-61, 64-69, 101-107		Stage 1 pages 12, 16-17, 21-23, 26-28, 33 Stage 2 pages 16, 18, 21-23	Stage 1 Activity 2.2	Stage 1 Unit 2, p. 1 Stage 1 Unit 3, p. 2

Year 1	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
8. add and subtract one-digit and two-digit numbers to 20, including zero	Stage 1 pages 48-62, 64-77, 94-113	Stage 1 pages 56-61, 68-71, 75-78, 81-83, 85-91, 102-111, 113-125	Stage 1 pages 11-12, 16-18, 21-23, 26-28, 31-33 Stage 2 pages 16-18, 21-23	Stage 1 Activities 3.1-3.4 Stage 2 Activity 2.4	Stage 1 Unit 3, p. 1 Stage 2 Unit 2, p. 2
9. solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7.	Stage 1 page 53, 62, 77, 95-96, 98-100, 103-107, 112-113	Stage 1 pages 56-61, 68-71, 75-78, 81-83, 85-91, 102-111, 113-125	Stage 1 pages 11-12, 16-18, 21-23, 26-28, 31-33 Stage 2 pages 16-18, 21-23	Stage 1 Activities 3.1-3.5 Stage 2 Activity 2.4	
10. solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.	Stage 2 pages 94-101, 104-117, 120-124, 126-129 Stage 3 pages 130-133, 151-157	Stage 2 pages 76-107 Stage 3 pages 112-120	Stage 2 pages 46-48, 51-53 Stage 3 pages 71-73	Stage 2 Activities 5.2, 5.4, 5.5	
11.recognise, find and name a half as one of two equal parts of an object, shape or quantity	Stage 2 pages 132-137 Stage 3 page 72	Stage 2 pages 110-115 Stage 3 pages 67	Stage 2 pages 56-58	Stage 2 Activities 7.2-7.4 Stage 3 Activity 4.2	Stage 2 Unit 7
12.recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.	Stage 2 pages 132-137 Stage 3 page 72		Stage 2 pages 56-58	Stage 2 Activities 7.2-7.4 Stage 3 Activity 4.2	
13.compare, describe and solve practical problems for: • lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]	Stage 1 pages 142-149 Stage 2 pages 149-154	Stage 1 pages 144-149 Stage 2 pages 124-127	Stage 1 pages 56, 58	Stage 1 Activities 5.1, 5.2 Stage 2 Activity 8.3	Stage 1 Unit 5, p. 1

Year 1	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
• mass/weight [for example, heavy/ light, heavier than, lighter than]	Stage 1 pages 158-163 Stage 2 pages 168-170, 172-173	Stage 1 pages 160-169 Stage 2 pages 141-146	Stage 1 pages 66-68, 71, 73	Stage 1 Activities 6.1, 6.2, 6.3	Stage 1 Unit 6, p. 1
• capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]	Stage 1 pages 172-175 Stage 2 pages 180-184	Stage 1 pages 176-179 Stage 2 pages 152-155	Stage 1 pages 76-78 Stage 2 pages 71-73	Stage 1 Activities 7.1, 7.2, 7.3 Stage 2 Activity 10.1	Stage 1 Unit 7, p. 1
• time [for example, quicker, slower, earlier, later]	Stage 2 page 217	No examples	No examples	Stage 2 Activity 12.3	
14. measure and begin to record the following:	Stage 1 pages 150-155				Stage 1 Unit 5, p. 2
• lengths and heights		Stage 1 pages 150-159	Stage 1 pages 57, 61-63 Stage 1 page 72 No examples Stage 3 page 88	Stage 1 Activities 5.3, 5.4	
• mass/weight	Stage 1 pages 164-165, 167-169	Stage 1 pages 170-175		Stage 1 Activity 6.4	Stage 1 Unit 6, p. 2
• capacity and volume	Stage 1 pages 176-177	No examples		Stage 1 Activity 7.4	Stage 1 Unit 7, p. 2
• time (hours, minutes, seconds)	Stage 1 pages 180-184 Stage 2 pages 216-217, 221	Stage 1 pages 180-183 Stage 2 pages 183-184		Stage 2 Activities 12.2, 12.3	Stage 2 Unit 12, p. 2

Year 1	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
15. recognise and know the value of different denominations of coins and notes		Stage 2 pages 162-167	Stage 1 pages 91-93 Stage 2 pages 81-83		Stage 1 Unit 9, p. 1
16. sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]					Stage 1 Unit 8, p. 2 Stage 2 Unit 12, p. 2
17. recognise and use language relating to dates, including days of the week, weeks, months and years	Stage 1 pages 185-186, 188-189 Stage 2 pages 222	Stage 1 page 185 Stage 2 page 185	Stage 1 pages 86-88 Stage 2 pages 86-88	Stage 1 Activities 8.3, 8.4 Stage 2 Activity 12.5	Stage 1 Unit 8, p. 2
18. tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.	Stage 1 pages 180-184 Stage 2 pages 212-215		Stage 1 pages 81-83	Stage 1 Activities 8.1, 8.3 Stage 2 Activity 12.1	Stage 1 Unit 8, p. 1 Stage 2 Unit 12, p. 1
19.recognise and name common 2-D and 3-D shapes, including:				Stage 1 Activities 4.1-4.4	
• 2-D shapes [for example, rectangles (including squares), circles and triangles]	Stage 1 pages 116-121	Stage 1 pages 124-130	Stage 1 pages 36-38 Stage 2 pages 36-37		
• 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].	Stage 1 pages 130-133	Stage 1 pages 138-142	Stage 1 pages 46-48 Stage 2 pages 41-43		
20. describe position, direction and movement, including whole, half, quarter and three-quarter turns.	Stage 2 pages 226-231	Stage 2 pages 186-187	Stage 2 pages 91-93	Stage 2 Activities 13.1, 13.2, 13.3	Stage 2 Unit 13, p. 1

Year 2	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
1. count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward	Stage 1 pages 79-84 Stage 2 pages 4-5	Stage 1 pages 42, 45-47, 92-94	Stage 1 pages 6-7	Stage 1 Activity 2.4	
2. recognise the place value of each digit in a two-digit number (tens, ones)	Stage 1 pages 17-18 Stage 2 pages 6-10	Stage 1 pages 19-21 Stage 2 pages 2-7	Stage 2 pages 6-8	Stage 2 Activities 1.1, 1.2	Stage 2 Unit 2, p. 1
3. identify, represent and estimate numbers using different representations, including the number line	Stage 1 pages 13-16, 84-85 Stage 2 pages 4-5, 11-14, 26-27 Stage 3 page 32	Stage 1 pages 8, 9, 13-15, 95-96 Stage 2 pages 2-3, 8-9, 26 Stage 3 pages 28-29	Stage 3 pages 11-13	Stage 1 Activity 1.2 Stage 2 Activity 1.1	
4. compare and order numbers from 0 up to 100; use <, > and = signs	Stage 1 pages 25-29 Stage 2 pages 15-20, 22	Stage 1 pages 22-37 Stage 2 pages 10-23	Stage 2 pages 11-13	Stage 1 Activity 1.4, 1.3 Stage 2 Activity 1.2	
5. read and write numbers to at least 100 in numerals and in words	Stage 1 pages 4-10, 12-14 Stage 2 pages 4-33	Stage 1 pages 2-18 Stage 2 pages 2-13, 17-23, 26-28	Stage 2 pages 1-3	Stage 1 Activities 1.1-1.4, Stage 2 Activities 1.1, 1.2, 1.5	
6. use place value and number facts to solve problems.	Stage 1 pages 15-16,18, 39-41 Stage 2 pages 8-10, 19-20	Stage 1 pages 19-21 Stage 2 pages 2-7, 12-16	Stage 2 pages 6, 8	Stage 2 Activity 1.1	

Year 2	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
7. solve problems with addition and subtraction: • using concrete objects and pictorial representations, including those involving numbers, quantities and measures • applying their increasing knowledge of mental and written methods	Stage 1 pages 48-78, 94-113 Stage 2 pages 36-59, 62-72	Stage 1 pages 56-72, 75-78, 80-91, 102-123 Stage 2 pages 30-31, 33-36, 47-50 Stage 3 pages 30-33	Stage 1 pages 11-12, 16-18, 21-23, 26-28, 31-33 Stage 2 pages 16-18, 26 Stage 6 page 12	Stage 1 Activities 2.1-2.3, 3.1-3.5 Stage 2 Activities 2.1, 2.3, 2.4, 2.5, 3.1-3.5	Stage 2 Unit 2 Stage 2 Unit 3 Stage 4 Unit 2, p. 1
8. recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100		Stage 1 pages 56-72, 75-78, 80-91, 102-123 Stage 2 pages 30-31, 33-36, 47-50 Stage 3 pages 30-33			
9. add and subtract numbers using concrete objects, pictorial representations, and mentally, including: • a two-digit number and ones • a two-digit number and tens • two two-digit numbers adding three one-digit numbers	Stage 1 pages 64-73, 112-113 Stage 2 pages 37-39, 43-59, 62-68 Stage 3 pages 36-38, 50	Stage 1 pages 75-78, 80-83, 119-123 Stage 2 pages 30-31, 33, 37-41	Stage 2 pages 16-18, 21-23, 26-28, 31-33 Stage 3 pages 21-23, 31-32		
10. show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	Stage 2 page 73			Stage 2 Activity 3.5	

Year 2	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
11. recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.					
12. recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	Odd and even numbers: Stage 1 page 81-82 Stage 2 pages 32-33, 104-105, 112-117 Stage 3 pages 124-125, 128-129, 153-157	Stage 2 pages 29, 87-91, 95-99, 100-107 Stage 3 pages 112-117, 122-123, 132-141	Stage 1 page 8 Stage 2 pages 46-48 Stage 4 pages 41-43	Stage 2 Activities 1.4 (odd and even numbers), 5.1, 5.4, 5.5, 6.1, 6.2 Stage 3 Activities 7.1, 7.4, 8.3, 8.4	
13. calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	Stage 2 pages 110-111, 116-117 Stage 3 pages 130, 150-152, 156-157	Stage 2 pages 91, 97-107 Stage 3 pages 112-117, 122-123, 132-141	Stage 2 page 48 Stage 3 page 77 Stage 4 page 42	Stage 2 Activities 5.5, 6.1, 6.2, 6.3 Stage 3 Activities 7.1, 8.3, 8.4	
14. show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	Stage 2 pages 95, 100-101 Stage 3 page 132, 150 Stage 4 page 81			Stage 3 Activities 7.1, 7.2, 8.1, 8.3	
15. solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.	Stage 2 page 110-111, 116-117, 126-127 Stage 3 pages 130, 133, 152, 156-157	Stage 2 pages 87-90, 94-107 Stage 3 pages 112-117, 122-123, 132-149		Stage 2 Activities 5.2, 5.4, 6.1, 6.4 Stage 3 Activities 7.3, 7.5, 8.2, 8.5	Stage 2 Unit 6, p. 1 Stage 3 Unit 7, p. 1 Stage 3 Unit 8, p. 1

Year 2	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
16. recognise, find, name and write fractions $\frac{1}{3}$; $\frac{1}{4}$; $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	Stage 2 pages 135-137 Stage 3 pages 72-74	Stage 2 pages 110-115 Stage 3 pages 67-71	Stage 2 pages 56-58	Stage 2 Activities 7.1-7.4 Stage 3 Activities 4.1, 4.2	
17. write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	Stage 3 page 74, 81-82	Stage 3 pages 76-81	Stage 3 pages 41-43	Stage 3 Activity 4.3	Stage 2 Unit 7, p. 2
18. choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	Length: Stage 2 pages 140-148 Stage 3 pages 172-177 Mass: Stage 2 pages 158-161, 164-166 Stage 3 pages 186-189 Stage 4 pages 232-233 Capacity: Stage 2 pages 185-189 Stage 3 pages 195-196 Stage 4 pages 238-240	Length: Stage 2 pages 116-123 Stage 3 pages 154-159 Mass: Stage 2 pages 134-140 Stage 3 pages 171-176 Stage 4 pages 187-188 Capacity: Stage 2 pages 156-158 Stage 3 pages 188-190 Stage 4 pages 189-193	Stage 2 pages 61-63, 66-68, 76-77	Length: Stage 2 Activities 8.1, 8.2 Mass: Stage 2 Activity 9.1, 9.2, 9.5 Capacity: Stage 2 Activities 10.2, 10.3, 10.5	Stage 2 Unit 8 Stage 2 Unit 9 Stage 2 Unit 10, p. 1

Year 2	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
19. compare and order lengths, mass, volume/capacity and record the results using >, < and =	Stage 1 pages 142-149, 158-165, 172-175 Stage 2 pages 149-155, 162-163, 167-176, 182-184	Stage 1 pages 147-150, 160-169, 176-179 Stage 2 pages 124-131, 141-151, 152-155	Stage 1 pages 56, 58, 66-68, 71, 73, 77 Stage 2 pages 62-63, 66, 68, 71	Stage 1 Activities 5.1, 5.2, 5.4, 6.2, 6.3, 6.4, 7.1, 7.2, 7.3 Stage 2 Activities 8.3, 8.4, 9.3, 9.4	
20. recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value		None	No examples	No examples	
21. find different combinations of coins that equal the same amounts of money	Stage 1 pages 202-203	None	Stage 1 page 91 Stage 2 page 81	Stage 1 Activities 9.2, 9.3, 9.5 Stage 2 Activities 11.3	Stage 1 Unit 9
22. solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	Stage 2 pages 203-209	Stage 2 pages 171-179	No examples	Stage 2 Activities 11.4, 11.5	
23. compare and sequence intervals of time	Stage 2 page 217	Stage 3 pages 199-200 Stage 4 pages 105-107	Stage 3 page 88	Stage 2 Activity 12.3	Stage 2 Unit 12, p. 2 Stage 3 Unit 10, p. 1
24. tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times	Stage 3 pages 204-206	Stage 1 pages 147-150, 160-169, 176-179 Stage 2 pages 124-131, 141-151, 152-155	Stage 3 pages 86-87	Stage 3 Activity 12.3	Stage 4 Unit 7, p. 1

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Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
25. know the number of minutes in an hour and the number of hours in a day.	Stage 2 pages 218-220 Stage 3 page 208	None	Stage 4 page 58	Stage 2 Activity 12.4 Stage 3 Activity 12.1	Stage 2 Unit 12, p. 2
26. identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	Stage 1 pages 116, 121, 134-139 Stage 2 pages 76-77, 81-82, 88-91 Stage 3 page 91	None	Stage 1 page 38, 51-53 Stage 2 page 38 Stage 3 page 56 Stage 5 page 26	Stage 1 Activities 4.1, 4.4, 4.5 Stage 2 Activities 4.1-4.5	Stage 2 Unit 4 Stage 3 Unit 11 Stage 4 Unit 9
27. identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces	Stage 1 pages 130, 132 Stage 2 pages 84-86	Stage 2 pages 171-179	Stage 1 page 48 Stage 2 page 43 Stage 3 page 51, 53 Stage 4 pages 72-73		Stage 2 Unit 4 Stage 4 Unit 9
28. identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]	Stage 3 pages 97-99	Stage 3 pages 199-200 Stage 4 pages 105-107	No examples	No examples	
29. compare and sort common 2-D and 3-D shapes and everyday objects.	Stage 1 pages 123-126, 131, 133 Stage 4 pages 179-181	Stage 1 pages 131-134, 139-141 Stage 2 pages 60-61, 68-69	Stage 1 pages 41-43, 46	Stage 1 Activities 4.2, 4.3 Stage 4 Activities 9.4	
30. order and arrange combinations of mathematical objects in patterns and sequences	Stage 1 pages 127-129	Stage 1 pages 135-137	Stage 1 pages 41-43	Stage 1 Activities 4.2, 4.3	

Year 2	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
31. use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).	Stage 2 pages 226-231 Stage 3 pages 228-235	Stage 2 pages 186-189 Stage 3 pages 210-214	Stage 2 pages 91-93 Stage 3 page 91	Stage 2 Activities 13.2, 13.3, 13.4	Stage 2 Unit 13 Stage 4 Unit 3, p. 2
32. interpret and construct simple pictograms, tally charts, block diagrams and simple tables	Stage 1 pages 206-213 Stage 2 pages 234-245 Stage 3 pages 108-111 Stage 4 pages 116-119 Stage 6 pages 108-11	Stage 1 pages 194-201 Stage 2 pages 190-207 Stage 3 pages 96-105 Stage 4 pages 88-97 Stage 6 pages 98-102	Stage 2 pages 96-98 Stage 3 page 61 Stage 4 pages 51-53	Stage 1 Activities 10.1, 10.2 Stage 2 Activities 14.1, 14.2 Stage 4 Activity 6.2	Stage 2 Unit 14, p. 1
33. ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	Stage 1 page 213 Stage 2 pages 242-245			Stage 1 Activity 10.2 Stage 2 Activity 14.2	
34. ask and answer questions about totalling and comparing categorical data.	Stage 3 pages 110-116			Stage 3 Activity 6.2	

Year 3	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
1. count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Stage 3 pages 7, 24-25 Stage 4 pages 6, 8	Stage 3 pages 23-27 Stage 4 pages 2-5	Stage 3 pages 7-8	Stage 4 Activity 1.2	
2. recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Stage 3 pages 9-13	Stage 3 pages 2-12	No examples	Stage 3 Activity 1.1	
3. compare and order numbers up to 1000	Stage 3 pages 15-22	Stage 3 pages 13-22	No examples	Stage 3 Activities 1.2, 1.3, 1.4	Stage 3 Unit 1, p. 1
4. identify, represent and estimate numbers using different representations	Stage 3 pages 4-14, 32-33	Stage 3 pages 2-10, 23-27	Stage 3 pages 1, 8, 11-13	No explicit examples	
5. read and write numbers up to 1000 in numerals and in words	Stage 3 pages 4-14	Stage 3 pages 2-11	Stage 3 pages 1-3	Stage 3 Activities 1.1-1.5 Stage 4 Activity 1.1	Stage 3 Unit 1, p. 2
6. solve number problems and practical problems involving these ideas.	Stage 3 pages 13, 22	Stage 3 pages 12-13, 23-27	Stage 3 page 1	Stage 3 Activity 1.5	
7. add and subtract numbers mentally, including: • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds	Stage 3 pages 44-47, 53-55, 65-69 Stage 4 pages 42-44, 47-52	Stage 3 pages 39-40, 46-49, 60-65 Stage 4 pages 34, 36-37, 47-48	Stage 3 pages 16-18, 26-28	No specific examples	Stage 3 Unit 2, p. 2 Stage 3 Unit 3

Year 3	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
8. add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	Stage 4 pages 53-66 Stage 6 pages 42-46	Stage 4 pages 38-46, 48-51 Stage 6 pages 37-46	Stage 4 pages 16-18 Stage 6 pages 21-22	No specific examples	Stage 4 Unit 2, p. 2
9. estimate the answer to a calculation and use inverse operations to check answers		No mention	No examples	No specific examples	
10. solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	Stage 4 pages 43-44, 50, 52, 58, 65-66 Stage 6 pages 45-46	Stage 4 pages 34-45, 52-53 Stage 6 pages 46-47	Stage 4 pages 18, 21-22	Stage 4 Activities 2.4, 2.5	Stage 3 Unit 3, p. 1
11.recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Stage 2 pages 107-109 Stage 3 pages 126-127 Stage 4 page 80	Stage 2 pages 87-89, 92-93, 100-107 Stage 3 pages 112-114, 116-120, 133-141 Stage 4 pages 58-59, 76-79	Stage 4 pages 41-43 Stage 5 pages 36-37	Stage 2 Activities 6.1, 6.2, 6.3 Stage 3 Activity 7.2 Stage 4 Activity 5.3	Stage 3 Unit 8, p. 1 Stage 3 Unit 7, p. 1
12. write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	Stage 3 pages 131-145 Stage 4 pages 81, 84-93, 104-107	Stage 3 pages 112-149 Stage 4 pages 58-87	Stage 4 pages 36-38, 42, 46-48 Stage 5 pages 36-37	Stage 4 Activities 4.2, 4.3, 4.4, 4.5, 5.3, 5.4	

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Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
13. solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	Stage 4 pages 88, 93-97, 109-113 Stage 5 pages 164-165	Stage 4 pages 61, 64, 67-87 Stage 5 pages 153-154	Stage 4 pages 37, 48	Stage 4 Activities 5.3, 5.5 Stage 5 Activity 8.5	
14. count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	Stage 3 page 73 Stage 4 page153	Stage 3 pages 67-71	Stage 4 pages 61, 83	No examples	
15. recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	Stage 3 pages 72-74, 85-86 Stage 4 pages 171-173 Stage 5 pages 158-159, 162-163	Stage 3 pages 79-81 Stage 4 pages 118-120 Stage 5 pages 146-148	No examples	Stage 3 Activity 4.2 Stage 5 Activities 8.3, 8.4	Stage 3 Unit 4, p. 2
16. recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Stage 3 pages 72-74, 77-87 Stage 4 pages 152-156, 161-173	Stage 3 page 70 Stage 5 pages 146-148	No examples	Stage 5 Activities 8.3, 8.4	Stage 4 Unit 8, p. 2
17. recognise and show, using diagrams, equivalent fractions with small denominators	Stage 3 pages 81-84 Stage 4 pages 150-156	Stage 3 pages 76, 78 Stage 4 pages 122-124 Stage 5 pages 134-135	Stage 3 page 41	Stage 3 Activity 4.3 Stage 4 Activities 8.2, 8.4	

Year 3	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
18. add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]	Stage 4 pages 161-162	No examples	Stage 4 pages 66-68	Stage 4 Activity 8.5	
19. compare and order unit fractions, and fractions with the same denominators	Stage 3 pages 77-80 Stage 4 pages 163-170	Stage 3 pages 72-75 Stage 4 pages 127-129	Stage 4 pages 62-63	Stage 4 Activities 8.3, 8.5	Stage 3 Unit 4, p. 1 Stage 4 Unit 8, p. 1
20. solve problems that involve all of the above.	Stage 3 pages 80, 83-84 Stage 4 pages 154-156, 162, 168-170	Stage 3 pages 79-81 Stage 4 page 122 Stage 5 pages 146-148	Stage 4 pages 61, 63, 66-68	Stage 3 Activity 4.5 Stage 4 Activity 8.5	
21. measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Length: Stage 3 pages 172-185 Stage 4 pages 212-214, 219-220 Mass: Stage 3 pages 186-194 Stage 4 pages 232-236 Capacity: Stage 3 pages 195-201 Stage 4 pages 238-240	Length: Stage 3 pages 154-156, 158-170 Stage 4 pages 166-176 Mass: Stage 3 pages 171-187 Stage 4 pages 187-188 Capacity: Stage 3 pages 188-193 Stage 4 pages 189-193	Stage 2 pages 61-63, 66-68, 76-78	Stage 3 Activities 9.1, 9.3, 9.4 Stage 4 Activity 11.5	Stage 3 Unit 9, p. 1

Year 3	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
22. measure the perimeter of simple 2-D shapes	Stage 4 pages 221-224	Stage 4 pages 177-179	Stage 4 page 97	Stage 4 Activity 11.4	
23. add and subtract amounts of money to give change, using both £ and p in practical contexts	Stage 2 pages 203-209	Stage 2 pages 171-179	No examples	Stage 2 Activities 11.4, 11.5	
24. tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks	Stage 3 pages 201-206 Stage 4 pages 134-139 Stage 5 pages 134, 136-139	Stage 3 pages 194-197 Stage 4 pages 102-104, 109-111 Stage 5 pages 122-123, 125-130	Stage 3 pages 86-87 Stage 4 page 56 Stage 5 page 52	Stage 3 Activity 10.3 Stage 4 Activity 7.1 Stage 5 Activities 7.2, 7.5	
25. estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight	Stage 4 pages 134-139 Stage 5 pages 136-139	Stage 4 pages 102-112 Stage 5 pages 122-123, 125-130		Stage 4 Activities 7.2, 7.3, 7.4 Stage 5 Activity 7.2	Stage 3 Unit 10, p. 1 Stage 4 Unit 7, p. 1
26. know the number of seconds in a minute and the number of days in each month, year and leap year	Stage 3 page 207, 214-216, 218	Stage 3 pages 198, 202-205	No explicit examples	Stage 3 Activity 10.1	Stage 3 Unit 10, p. 2
27. compare durations of events [for example to calculate the time taken by particular events or tasks].	Stage 3 pages 222-225 Stage 4 pages 145-147	Stage 3 pages 208-209	Stage 5 page 53	Stage 3 Activity 10.5 Stage 5 Activity 7.4	Stage 4 Unit 7, p. 2
28. draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	Stage 3 pages 100-101 Stage 4 pages 184-187	Stage 2 pages 82-83, 93, 95 Stage 3 pages 137, 143	Stage 4 pages 71-72	Stage 4 Activity 9.3	Stage 3 Unit 5

Year 3	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
29. recognise angles as a property of shape or a description of a turn	Stage2 pages 226-229	Stage 2 pages 186-187	Stage 2 pages 91-93	Stage 2 Activities 13.2, 13.3	
30. identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	Stage 3 pages 236-241 Stage 4 pages 70-73	Stage 3 page 215 Stage 4 page 54	Stage 2 pages 91-93	Stage 3 Activities 11.4, 11.5	Stage 3 Unit 11, p. 2 Stage 4 Unit 3, p. 1
31. identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	Stage 5 pages 60-65	Stage 5 pages 57-62	No examples	Stage 5 Activities 3.1, 3.3	Stage 5 Unit 3, p. 2
32. interpret and present data using bar charts, pictograms and tables	Stage 3 pages 108-116 Stage 4 pages 116-126	Stage 3 pages 102-105 Stage 4 pages 88-97	Stage 3 pages 61-63 Stage 4 pages 51-53 Stage 5 pages 86-87	Stage 3 Activity 6.3 Stage 4 Activities 6.2, 6.4	Stage 2 Unit 14, p. 1 Stage 3 Unit 6, p. 1 Stage 4 Unit 6, p. 2
33. solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.	Stage 4 pages 117-124	Stage 3 pages 102-105 Stage 4 pages 92-93		Stage 2 Activity 14.2	Stage 3 Unit 6, p. 1 Stage 4 Unit 6, p. 2

Year 4	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
1. count in multiples of 6, 7, 9, 25 and 1000	Stage 3 page 131 Stage 4 pages 7, 8, 10, 11	Stage 3 pages 118-119 Stage 4 pages 3, 5, 8, 9, 29	No examples	No examples	
2. find 1000 more or less than a given number	Stage 4 pages 10, 11, 23, 32, 33, 34	Stage 4 pages 8, 21, 26-27	No examples	No examples	
3. count backwards through zero to include negative numbers	Stage 4 pages 28-29, 31 Stage 5 pages 22, 24	Stage 4 pages 28-29 Stage 5 pages 19-21	Stage 4 page 1 Page 5 pages 11, 12	No examples	
4. recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	Stage 4 pages 14-17	Stage 4 pages 10-15	No examples	Stage 4 Activity 1.3	Stage 4 Unit 1, p. 2
5. order and compare numbers beyond 1000	Stage 4 pages 18-27	Stage 4 pages 16-24	Stage 5 pages 2-3	No examples	Stage 4 Unit 1, p. 1
6. identify, represent and estimate numbers using different representations	Stage 4 pages 4-9, 14-15, 18-19, 23	Stage 4 pages 2-29		Stage 4 Activity 1.1	
7. round any number to the nearest 10, 100 or 1000	Stage 4 pages 38-39	Stage 4 pages 32-33	No examples	Stage 4 Activity 1.4	
8. solve number and practical problems that involve all of the above and with increasingly large positive numbers	Stage 4 pages 10, 11, 13, 16-17, 24-27, 32-34, 39	Stage 4 pages 2-29, 32-33		No examples	
9. read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.		No mention	No examples	No examples	

Year 4	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
10. add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	Stage 4 pages 42-66	Stage 3 pages 48-49, 53-55 Stage 4 pages 34-51	Stage 4 pages 16-18	Stage 5 Activity 2.4, 2.5	Stage 6 Unit 2, p. 2
11. estimate and use inverse operations to check answers to a calculation		No mention	No examples	No examples	
12. solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	Stage 5 pages 34-38	Stage 5 pages 22-33	No examples	Stage 5 Activity 2.1, 2.3	Stage 5 Unit 2, p. 1
13. recall multiplication and division facts for multiplication tables up to 12 × 12	Stage 5 pages 80-81, 103	Stage 4 pages 58-59 Stage 5 pages 70-73	Stage 4 pages 42-43 Stage 5 pages 36-37	Stage 4 Activity 5.3 Stage 5 Activity 4.1	Stage 2 Unit 5 Stage 2 Unit 6, p. 1 Stage 3 Unit 7, p. 1 Stage 6 Unit 3, pp. 3-4
14. use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	Stage 5 pages 82, 97-99 Stage 6 pages 84-85	Stage 5 pages 74-78 Stage 6 pages 81-83	Stage 5 pages 31-32, 41-43	Stage 3 Activity 7.2	
15. recognise and use factor pairs and commutativity in mental calculations	Stage 5 pages 89-92	Stage 5 pages 79-80	No examples	Stage 5 Activity 5.4 Stage 6 Activity 3.3	
16. multiply two-digit and three-digit numbers by a one-digit number using formal written layout	Stage 4 pages 86-88, 90-93 Stage 6 pages 58-59, 61	Stage 4 pages 63, 67-68	Stage 4 pages 36-38 Stage 6 pages 26-27	Stage 4 Activity 4.3 Stage 6 Activity 3.2	Stage 4 Unit 4

Year 4	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
17. solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	Stage 4 pages 88, 93, 94-96	Stage 4 pages 59-62, 69-72, 80	Stage 4 pages 36-37 Stage 6 pages 26-27	Stage 5 Activities 4.4, 4.5 Stage 6 Activity 3.2	Stage 5 Unit 4, p. 2 Stage 6 Unit 3, p. 1
18. recognise and show, using diagrams, families of common equivalent fractions	Stage 3 pages 81-83 Stage 4 pages 153-156 Stage 5 page 150 Stage 6 page 157	Stage 3 pages 76-78 Stage 4 pages 122-124 Stage 5 pages 134-135 Stage 6 pages 136-137	Stage 3 page 41 Stage 6 page 71	Stage 3 Activity 4.3 Stage 4 Activities 8.2, 8.4 Stage 5 Activity 8.1	Stage 6 Unit 8, pp. 1-2
19. count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.	Stage 4 pages 196-197, 201-202	Stage 4 pages 153-162	Stage 4 page 83	No examples	
20. solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number		No mention	No examples	No examples	
21. add and subtract fractions with the same denominator	Stage 4 pages 161-162	No mention	Stage 4 pages 66-68	Stage 4 Activity 8.5	
22. recognise and write decimal equivalents of any number of tenths or hundredths	Stage 4 pages 196-197, 201-203 Stage 5 page 168	Stage 4 pages 153-162 Stage 5 page 155	Stage 4 pages 83, 93 Stage 5 pages 66-68	No examples	

Year 4	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
23. recognise and write decimal equivalents to $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$	Stage 4 page 203	Stage 4 page 162	Stage 4 page 92 Stage 6 page 81-82	Stage 4 Activity 10.3	
24. find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	Stage 4 pages 196-204 Stage 5 pages 168-170	Stage 4 pages 153-162 Stage 5 page 155	Stage 4 pages 82-83 Stage 5 pages 66-68	No examples	Stage 5 Unit 9, p. 2
25. round decimals with one decimal place to the nearest whole number	Stage 5 pages 179-180	Stage 5 page 163	No examples	No examples	
26. compare numbers with the same number of decimal places up to two decimal places	Stage 4 pages 205-209	Stage 4 pages 163-165 Stage 5 pages 160-162	Stage 4 pages 86-88	Stage 4 Activity 10.5 Stage 5 Activity 9.2	Stage 4 Unit 10 Stage 5 Unit 9, p. 2
27. solve simple measure and money problems involving fractions and decimals to two decimal places.	Stage 5 pages 182-183 Stage 6 pages 188-193	Stage 5 pages 170-172 Stage 6 pages 159-163	No examples	Stage 5 Activities 9.4, 9.5 Stage 6 Activity 9.4	
28. Convert between different units of measure [for example, kilometre to metre; hour to minute]	Stage 3 pages 178-182, 190-192, 196-197, 207-208, 219-221 Stage 4 pages 215-218, 232-233, 236-237, 241 Stage 5 pages 194-197	Stage 3 pages 160-164, 177-180, 198, 205 Stage 4 pages 168-172 Stage 5 pages 179-186	Stage 3 pages 81-82 Stage 5 pages 76-78 Stage 6 pages 41-43	Stage 4 Activity 11.2 Stage 5 Activity 11.1	Stage 3 Unit 9, p. 2 Stage 3 Unit 10, p. 1

Year 4	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
29. measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	Stage 4 pages 221-224	Stage 4 pages 177-179	Stage 4 page 97	Stage 4 Activity 11.4 Stage 5 Activities 6.1, 6.2, 6.3	Stage 4 Unit 11, p. 1 Stage 6 Unit 12, pp. 1-2
30. find the area of rectilinear shapes by counting squares	Stage 4 pages 225-229	Stage 4 pages 183-186	Stage 4 pages 96-97	Stage 4 Activity 11.4 Stage 5 Activities 6.1, 6.2, 6.3, 6.4, 6.5	Stage 4 Unit 11, p. 2
31. estimate, compare and calculate different measures, including money in pounds and pence	Stage 3 pages 172-185, 193-194, 198-201	Stage 3 pages 154-157, 165-172, 181-189, 192-194	Stage 5 page 77	Stage 3 Activities 9.4, 9.5 Stage 4 Activity 11.5 Stage 5 Activities 11.2, 11.3, 11.4	Stage 5 Unit 11, p. 1
32. read, write and convert time between analogue and digital 12- and 24-hour clocks	Stage 4 pages 134-139 Stage 5 pages 134-140, 142	Stage 4 pages 102-104, 109-111 Stage 5 pages 122-130	Stage 4 pages 56-58 Stage 5 page 52	Stage 4 Activity 7.1 Stage 5 Activities 7.2, 7.5	Stage 5 Unit 7 Stage 6 Unit 11
33. solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Stage 3 pages 221	Stage 3 pages 206-207	No examples	Stage 3 Activities 10.1, 10.5 Stage 5 Activity 7.1	Stage 6 Unit 10, p. 3
34. compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	Stage 3 pages 90-95 Stage 4 page 176, 179-182	Stage 3 page 85 Stage 4 pages 132-136	Stage 5 pages 21-22 Stage 6 pages 61-62	Stage 2 Activities 4.2, 4.5 Stage 4 Activities 9.1, 9.4 Stage 6 Activities 7.1, 7.2	Stage 6 Unit 10, p. 3

Year 4	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
35. identify acute and obtuse angles and compare and order angles up to two right angles by size	Stage 3 pages 238-239 Stage 4 pages 70-71 Stage 5 pages 50-52	Stage 3 pages 216-217 Stage 4 pages 54-55 Stage 5 pages 45	Stage 3 page 97 Stage 6 pages 66-68	Stage 5 Activities 3.3, 3.5 Stage 6 Activity 7.5	
36. identify lines of symmetry in 2-D shapes presented in different orientations	Stage 3 page 105 Stage 4 pages 189-192 Stage 5 pages 70-73	Stage 5 pages 66-67	Stage 4 page 77 Stage 5 pages 26-28	Stage 3 Activity 9.2	Stage 4 Unit 9, p. 1
37. complete a simple symmetric figure with respect to a specific line of symmetry.	Stage 3 page 105 Stage 4 pages 191-192	Stage 4 pages 148-150 Stage 5 pages 63-64	Stage 3 page 57 Stage 5 page 28	Stage 1 Activity 4.5	
38. describe positions on a 2-D grid as coordinates in the first quadrant	Stage 5 page 228	Stage 5 content refers to line patterns	Stage 5 pages 96-98	Stage 5 Activities 13.1, 13.2, 13.3, 13.5	Stage 4 Unit 4, p. 1 Stage 5 Unit 13
39. describe movements between positions as translations of a given unit to the left/right and up/down	Stage 5 pages 231-233	Stage 5 content refers to line patterns	Stage 5 pages 101-103		Stage 5 Unit 13
40. plot specified points and draw sides to complete a given polygon.	Stage 5 page 233	Stage 5 content refers to line patterns	Stage 5 pages 96-97		
41. interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.	Stage 4 pages 120-126 Stage 5 pages 210-215	Stage 5 content refers to line patterns	Stage 5 pages 82-83, 86-88	Stage 4 Activity 6.4	
42. solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	Stage 4 pages 124-126 Stage 5 pages 210-215	Stage 5 content refers to line patterns	Stage 5 page 82	No examples	

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
1. read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	Stage 5 pages 4-10, 12-15 Stage 6 pages 6-9, 24-28	Stage 5 pages 2-14 Stage 6 pages 2-7, 20-29	Stage 5 pages 1-3 Stage 6 pages 1-2	Stage 5 Activities 1.1, 1.2, 1.3, 1.4 Stage 6 Activities 1.1, 1.2, 1.4	Stage 5 Unit 1, pp. 1-2
2. count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	Stage 6 pages 8-11	Stage 6 pages 6-7	No examples	No examples	
3. interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	Stage 5 pages 22-30	Stage 5 pages 17, 19, 21	Stage 4 pages 1-3, 6-7, 11-12 Stage 5 pages 6-8	Stage 5 Activity 1.5	Stage 5 Unit 1, p. 3
4. round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	Stage 4 pages 38-39 Stage 6 pages 29-30	Stage 4 pages 32-33 Stage 6 pages 30-31	No examples	Stage 6 Activity 1.5	
5. solve number problems and practical problems that involve all of the above	Stage 5 pages 7-10, 16-17, 26-27, 30 Stage 6 pages 26-28, 30	Stage 5 pages 10-14, 17-18 Stage 6 pages 24-29	No appropriate examples	No suitable examples	
6. read Roman numerals to 1000 (M) and recognise years written in Roman numerals.		No mention	No examples	No examples	
7. add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)		No mention	No examples	No examples	Stage 6 Unit 2, p. 1

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
8. add and subtract numbers mentally with increasingly large numbers	Stage 6 pages 38-41	No mention	Stage 5 page 17	No suitable examples	
9. use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy		No mention	No mention	No examples	
10. solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	Stage 5 pages 36-38	Stage 5 pages 24-33	No examples	Stage 5 Activity 2.5	
11. identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers	Stage 5 pages 81-82, 89-92 Stage 6 pages 18, 20-23	Stage 5 pages 79-80 Stage 6 pages 16-19	No examples	Stage 5 Activities 4.1, 5.4 Stage 6 Activities 3.3, 3.4	
12. know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers	Stage 6 pages 12-14,19	Stage 6 pages 8-15	Stage 6 page 7	Stage 6 Activity 1.3	
13. establish whether a number up to 100 is prime and recall prime numbers up to 19	Stage 6 pages 15-17	Stage 6 pages 10-13	Stage 6 page 7	No examples	
14. multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers	Stage 5 pages 93-98 Stage 6 pages 58-62	Stage 5 pages 81-93 Stage 6 pages 54-58, 63-68	Stage 4 pages 36-38 Stage 6 pages 26-28	Stage 5 Activity 5.1 Stage 6 Activity 3.2	Stage 5 Unit 5, p. 2 Stage 6 Unit 3, p. 2
15. multiply and divide numbers mentally drawing upon known facts	Stage 4 pages 97-99 Stage 5 pages 84-88, 108-109 Stage 6 pages 82-87	Stage 4 pages 73-75, 77-79 Stage 5 pages 75-78 Stage 6 pages 75-83	Stage 4 pages 41-43 Stage 5 pages 31-33, 36-37, 41-43 Stage 6 pages 31-33	Stage 4 Activities 4.4, 4.5, 5.3 Stage 5 Activity 4.2	Stage 5 Unit 5, p. 2

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
16. divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context	Stage 4 pages 107-108 Stage 5 pages 110-111, 114-115	Stage 4 pages 80-83 Stage 5 pages 99-101	Stage 4 page 46-48	Stage 4 Activity 5.4 Stage 5 Activities 5.1, 5.2, 5.3	
17. multiply and divide whole numbers and those involving decimals by 10, 100 and 1000	Stage 3 pages 138-139 Stage 6 page 75	Stage 5 page 74 Stage 6 page 73-77	Stage 5 page 42	No suitable examples	
18. recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3})	Stage 5 page 80	No mention	Stage 5 pages 36, 38	No examples	
19. solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	Stage 5 pages 90, 96-101 Stage 6 pages 61-62, 70-71	Stage 6 pages 59-61, 69-72 Stage 5 pages 81-93	Stage 4 pages 37, 47-48 Stage 5 pages 38 Stage 6 pages 27-28	Stage 5 Activities 4.3, 4.5, 5.2 Stage 6 Activities 3.2, 3.5	
20. solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign	Stage 4 pages 58, 61, 66-67 Stage 5 pages 38, 96-101 Stage 6 pages 63-65, 72-74	Stage 4 pages 69-72, 84-87 Stage 5 pages 81-93 Stage 6 pages 59-62, 69-72, 80	Stage 4 pages 17-18, 21-23, 47-48 Stage 5 pages 17-18 Stage 6 pages 12, 17-18, 22-23, 27-28, 32-33, 37	Stage 4 Activities 2.4, 2.5 Stage 5 Activities 2.1, 2.2, 2.4, 2.5, 4.3, 4.5, 5.2 Stage 6 Activities 2.1, 2.2, 3.2, 3.5	
21. solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.	Stage 5 pages 96-100 Stage 6 pages 63-65, 72-74	Stage 5 pages 81-93 Stage 6 pages 59-62, 69-72, 80	Stage 4 pages 37, 47-48 Stage 5 page 32 Stage 6 pages 27-28, 32-33, 37	Stage 5 Activities 4.3, 4.5, 5.2 Stage 6 Activities 3.2, 3.5, 8.4	

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
22. compare and order fractions whose denominators are all multiples of the same number		Stage 4 page 129 Stage 6 page 141	No examples	No examples	
23. identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths	Stage 4 pages 153-156 Stage 5 pages 150-151 Stage 6 pages 158-159	Stage 4 pages 122-124 Stage 5 pages 134-135 Stage 6 pages 136-138	Stage 4 page 62 Stage 6 pages 71-72	Stage 4 Activities 8.2, 8.4 Stage 5 Activity 8.1	
24. recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]	Stage 4 pages 157-160 Stage 5 pages 153-154 Stage 6 pages 160-163	Stage 4 pages 125-126 Stage 5 pages 138-140 Stage 6 pages 142-146	Stage 5 pages 56-58	Stage 5 Activity 8.2 Stage 6 Activity 8.2	
25. add and subtract fractions with the same denominator and denominators that are multiples of the same number	Stage 4 pages 161-162	No mention	Stage 4 pages 66-68	Stage 4 Activity 8.5	
26. multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	Stage 5 page 151, 157-158	No mention	Stage 6 page 77	No examples	
27. read and write decimal numbers as fractions [for example, $0.71=\frac{71}{100}$]	Stage 4 page 197-204 Stage 5 pages 168-170	Stage 5 pages 136-137, 156 Stage 6 pages 150-151, 154	Stage 4 page 83, 91-93 Stage 5 pages 66-67 Stage 6 pages 81-82	Stage 4 Activities 10.2, 10.3 Stage 6 Activity 8.5	

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
28. recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents		Stage 5 page 156 Stage 6 page 155	No examples	No examples	
29. round decimals with two decimal places to the nearest whole number and to one decimal place	Stage 5 pages 179-181 Stage 6 pages 184-185	Stage 5 page 163 Stage 6 page 158	No examples	Stage 6 Activity 9.5	
30. read, write, order and compare numbers with up to three decimal places	Stage 5 pages 168, 177-178 Stage 6 pages 176-181	Stage 5 pages 157-158, 160-162 Stage 6 pages 156-158	Stage 4 pages 86-88	Stage 5 Activity 9.2	
31. solve problems involving number up to three decimal places	Stage 5 pages 182-183 Stage 6 pages 188-193	Stage 5 pages 164-172 Stage 6 pages 159-163	No examples	Stage 6 Activities 9.2, 9.4, 9.5 Stage 5 Activities 9.2, 9.5	
32. recognise the percent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal	Stage 5 pages 186-189 Stage 6 page 196	Stage 5 pages 173-178 Stage 6 pages 164-169	Stage 5 pages 71-73 Stage 6 pages 86-88	Stage 5 Activities 10.1, 10.2 Stage 6 Activity 10.1	Stage 5 Unit 10, p. 1 Stage 6 Unit 10, p. 1
33. solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{2}{5}, \frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.	Stage 6 pages 198-203	Stage 5 page 178 Stage 6 pages 170-179	Stage 5 page 72 Stage 6 pages 86-88	Stage 5 Activities 10.4, 10.5 Stage 6 Activities 10.2, 10.3, 10.4, 10.5	Stage 5 Unit 10, p. 1 Stage 6 Unit 10, p. 1

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
34. convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)	Stage 4 pages 215-218, 232-233, 236-237, 238, 241 Stage 5 pages 194-197 Stage 6 pages 90-95,	Stage 4 pages 168-172 Stage 5 pages 179-186 Stage 6 pages 84-91	Stage 3 pages 81-82 Stage 5 pages 76-78 Stage 6 pages 41-43	Stage 4 Activity 11.2 Stage 5 Activity 11.1 Stage 6 Activity 4.2	Stage 6 Unit 4, p. 1
35. understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints	Stage 6 page 105	No mention	No examples	Stage 6 Activity 4.5	
36. measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	Stage 5 pages 122-125 Stage 6 pages 218-219, 224-228	Stage 4 pages 180-181 Stage 6 pages 197-198, 202-204	Stage 6 page 97	Stage 5 Activities 6.1, 6.2, 6.3	Stage 5 Unit 6, p. 1 Stage 6 Unit 12, p. 4
37. calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes	Stage 4 pages 225-229 Stage 5 pages 126-130 Stage 6 pages 220-223, 229-230, 232-233	Stage 4 pages 183-186 Stage 5 pages 113-121 Stage 6 pages 199-201 , 205-207	Stage 4 pages 96-98 Stage 5 pages 46-48 Stage 6 pages 96-97	Stage 5 Activities 6.2, 6.3, 6.4, 6.5 Stage 6 Activities 12.2, 12.3, 12.5	Stage 5 Unit 6, p. 2 Stage 6 Unit 12, pp. 3, 5
38. estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]		No mention	No examples	No examples	
39. solve problems involving converting between units of time	Stage 5 pages 143-144 Stage 6 pages 206-209	Stage 5 pages 124, 131-133 Stage 6 pages 182, 188-192	No examples	Stage 5 Activity 7.1 Stage 6 Activity 11.1	

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
40. use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	Stage 4 pages 230-231 Stage 5 pages 203-206 Stage 6 page 94-98, 100	Stage 5 pages 179-186 Stage 6 pages 84-91	No examples	Stage 5 Activity 11.4 Stage 6 Activity 4.3	Stage 5 Unit 11, p. 1 Stage 6 Unit 4, p. 1
41. identify 3-D shapes, including cubes and other cuboids, from 2-D representations	Stage 4 pages 176-177 Stage 5 page 74 Stage 6 page 144	Stage 4 pages 137, 139 Stage 5 page 69 Stage 6 pages 122-124	No examples	Stage 5 Activity 3.4 Stage 6 Activity 7.4	
42. know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	Stage 5 pages 50-52 Stage 6 pages 149-151	Stage 5 pages 45-48 Stage 6 pages 127-130	Stage 6 pages 66-68	Stage 5 Activities 3.3, 3.5 Stage 6 Activity 7.5	
43. draw given angles, and measure them in degrees (°)	Stage 5 page 52 Stage 6 page 151	Stage 6 page 48 Stage 6 pages 130	Stage 6 pages 66-67	No examples	
44. identify: • angles at a point and one whole turn (total 360°) • angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) • other multiples of 90°	Stage 5 pages 50-51 Stage 5 pages 53-56 Stage 4 pages 72-73	Stage 5 pages 49-52 Stage 4 page 55	No explicit examples	No examples	
45. use the properties of rectangles to deduce related facts and find missing lengths and angles	Stage 6 pages 138-141	Stage 6 page 119	No examples	No examples	

Year 5	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
46. distinguish between regular and irregular polygons based on reasoning about equal sides and angles.	Stage 4 page 176 Stage 5 pages 70-73 Stage 6 page 137, 142-143	No specific examples that require learners to identify or distinguish between regular /irregular polygons	Objective is implied in Stage3 pages 47-48, but not explicit. May have to change to no mention.	No examples	
47. identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.	Stage 5 pages 229-233 Stage 6 pages 129-132	Stage 5 pages 214-217	Stage 5 page 102	Stage 5 Activities 13.3, 13.4, 13.5 Stage 6 Activity 6.2	
48. solve comparison, sum and difference problems using information presented in a line graph	Stage 5 pages 210-215, 218-219	Stage 5 pages 198-206	No examples	No examples	Stage 5 Unit 12, p. 2 Stage 6 Unit 5, pp. 1-2
49. complete, read and interpret information in tables, including timetables.	Stage 4 pages 116-119, 140-147 Stage 5 pages 140-141 Stage 6 pages 210-211	Stage 4 pages 112-117	Stage 4 pages 51-52 Stage 5 page 51	Stage 4 Activity 6.2 Stage 5 Activities 12.3, 12.4	

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
1. read, write, order and compare numbers up to 10 000 000 and determine the value of each digit		No mention	No examples	Stage 6 Activities 1.1, 1.2	Stage 6 Unit 1
2. round any whole number to a required degree of accuracy	Stage 3 pages 30-31 Stage 4 pages 38-39 Stage 5 page 119, 179-181 Stage 6 page 29-30,184-185	Stage 4 pages 32-33 Stage 6 pages 30-31	No examples	Stage 6 Activity 1.5	
3. use negative numbers in context, and calculate intervals across zero	Stage 4 pages 28-29 Stage 5 pages 22-27 Stage 6 pages 52-55	Stage 5 pages 17-21 Stage 6 pages 52-53	Stage 4 pages 1-3	Stage 6 Activities 2.4, 2.5	
4. solve number and practical problems that involve all of the above.	Stage 6 page pages 53-55	Stage 4 page Stage 5 page 18 Stage 6 pages 52-53	No examples	No suitable examples	
5. multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	Stage 5 pages 93-97	Stage 5 pages 81-93	No examples	No suitable examples	
6. divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context	Stage 6 pages 66-71	Stage 6 page 63-68	Stage 6 pages 36-37	No examples	

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
7. divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context		No mention	No examples	No examples	
8. perform mental calculations, including with mixed operations and large numbers	Stage 4 pages 97-99 Stage 5 pages 83-88 Stage 6 pages 36-41, 75-81, 84-87, 181-183	Stage 4 pages 34-35, 60-62, 65-66, 73-75, 77 Stage 5 pages 37, 39, 75-78, 94-98 Stage 6 pages 34-37, 56-57, 75, 78, 80, 81-83	Stage 4 page 12 Stage 5 pages 16-18, 31-32 Stage 6 pages 11-12, 16-17, 31-33	Stage 4 Activities 2.2, 2.3, 4.2, 4.4, 4.5, 5.5 Stage 5 Activities 2.3, 2.4, 4.2, 4.3, 4.4, 5.1 Stage 6 Activities 2.1, 3.2, 3.3	Stage 6 Unit 2, p. 1
9. identify common factors, common multiples and prime numbers	Stage 6 pages 12-23	Stage 6 pages 16-19	Stage 5 page 42 Stage 6 page 7	Stage 6 Activity 1.3	
10. use their knowledge of the order of operations to carry out calculations involving the four operations	Stage 5 pages 102-105	Stage 5 pages 94-97	No examples	Stage 5 Activity 4.4	Stage 5 Unit 4, p. 2 Stage 6 Unit 3, p. 1
11. solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	Stage 5 pages 36-38	Stage 5 pages 22-31	No examples	Stage 5 Activity 2.1	
12. solve problems involving addition, subtraction, multiplication and division	Stage 4 pages 58, 61, 66-67 Stage 5 pages 38, 96-101 Stage 6 pages 63-65, 72-74	Stage 4 pages 41-46, 52-53, 69-72, 83-87 Stage 5 pages 43, 81-84, 89-93, 102-103, 109 Stage 6 pages 46-47, 58-62, 67-72	Stage 4 pages 18, 21-23, 37, 48 Stage 6 pages 17, 21-23, 27-28, 32-33, 37	Stage 4 Activities 2.4, 2.5, 5.5 Stage 5 Activities 2.2, 2.5, 4.5, 5.2 Stage 6 Activity 3.5	

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
13. use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.		Stage 5 pages 81-84 Stage 6 pages 56-57	No examples	No examples	
14. use common factors to simplify fractions; use common multiples to express fractions in the same denomination	Stage 6 pages 164-167	Stage 6 pages 138-140, 149	Stage 6 pages 76-78	No examples	Stage 6 Unit 8, pp. 2-3
15. compare and order fractions, including fractions > 1	Stage 4 pages 163-169 Stage 5 page 155	Stage 4 pages 128-129 Stage 5 pages 141	Stage 4 pages 62-63 Stage 5 page 57	Stage 5 Activity 8.2 Stage 6 Activity 8.2	
16. add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions		No mention	No examples	No examples	
17. multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]		No mention	No examples	No examples	
18. divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]		No mention	No examples	No examples	Stage 6 Unit 9, pp. 3-4
19. associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, $\frac{3}{8}$]	Stage 5 pages 160-161 Stage 6 pages 156, 168-169	Stage 4 page 154 Stage 5 pages 146-150 Stage 6 pages 150-151	Stage 4 pages 92-93 Stage 5 pages 66-67	Stage 5 Activity 8.4 Stage 6 Activity 8.5	

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
20. identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places	Stage 4 pages 198, 200, 204 Stage 5 pages 168-169 Stage 6 pages 176-179, 182-183	Stage 4 pages 156-157, 160-161 Stage 5 page 156 Stage 6 pages 155, 157	Stage 4 page 82, 88	Stage 4 Activity 10.2	
21. multiply one-digit numbers with up to two decimal places by whole numbers	Stage 5 pages 173-176	Stage 5 pages 171-172	No examples	No examples	
22. use written division methods in cases where the answer has up to two decimal places	Stage 5 pages 182-183	No mention	No examples	No examples	
23. solve problems which require answers to be rounded to specified degrees of accuracy	Stage 5 pages 119, 179-181 Stage 6 pages 184-185	Stage 5 page 163	No examples	No examples	
24. recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	Stage 5 pages 150-152 Stage 6 pages 156-159, 198-202	Stag 6 pages 166-167, 174-177	Stage 6 pages 81, 87-88 Stage 5 page 73	Stage 5 Activities 10.4, 10.5 Stage 6 Activities 10.1, 10.4, 10.5	
25. solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts	Stage 5 pages 164-165	Stage 5 pages 153-154	No mention	Stage 6 Activity 8.4	Stage 5 Unit 8, p. 2 Stage 5 Unit 11, p. 2 Stage 6 Unit 9, p. 2
26. solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison	Stage 5 pages 190-191 Stage 6 pages 196-203	Stage 5 pages 173-178 Stage 6 pages 164-173, 178-179	Stage 5 pages 72-73 Stage 6 page 87-88	Stage 5 Activities 10.2, 10.3, 10.5 Stage 6 Activities 10.1, 10.2, 10.3, 10.5	Stage 5 Unit 10, p. 2 Stage 6 Unit 10, p. 2

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
27. solve problems involving similar shapes where the scale factor is known or can be found		No mention	No examples	No examples	
28. solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.		No mention	No examples	No examples	
29. use simple formulae		No mention	No examples	No examples	
30. generate and describe linear number sequences					
31. express missing number problems algebraically					
32. find pairs of numbers that satisfy an equation with two unknowns					
33. enumerate possibilities of combinations of two variables.					
34. solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate	Stage 6 pages 90-95, 99-104	Stage 5 pages 179-186 Stage 6 pages 84-91	Stage 5 pages 76-77 Stage 6 page 42	Stage 6 Activity 4.2	Stage 5 Unit 11, p. 2
35. use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places	Stage 5 pages 194-207 Stage 6 pages 90-95, 99-104	Stage 5 pages 179-186 Stage 6 pages 84-91	Stage 5 pages 76-77 Stage 6 page 42	Stage 4 Activity 11.2 Stage 5 Activity 11.1 Stage 6 Activities 4.2, 4.4	

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
36. convert between miles and kilometres	Stage 6 pages 105	No mention	No examples	No examples	
37. recognise that shapes with the same areas can have different perimeters and vice versa	Stage 6 page 230	Stage 5 page 117, 119-120 Stage 6 pages 207-208	Stage 4 pages 96-97	Stage 4 Activity 11.4	Stage 6 Unit 12, p. 4
38. recognise when it is possible to use formulae for area and volume of shapes	Stage 5 pages 126-130 Stage 6 pages 220, 229-233	Stage 5 pages 114-116, 118, 119-121 Stage 6 pages 205-206, 208-209	Stage 5 page 46-48 Stage 6 page 97	Stage 5 Activities 6.4, 6.5 Stage 6 Activities 12.1, 12.2, 12.3, 12.5	
39. calculate the area of parallelograms and triangles		No mention	No examples	No examples	
40. calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units [for example, mm^3 and km^3].		No mention	No examples	No examples	
41. draw 2-D shapes using given dimensions and angles		No mention	No examples	No examples	
42. recognise, describe and build simple 3-D shapes, including making nets	Stage 4 pages 177, 184-187 Stage 5 pages 74-77 Stage 6 pages 144-148	Stage 4 pages 131, 141-147 Stage 5 pages 68-69 Stage 6 pages 120-125	Stage 3 pages 52-53 Stage 4 pages 71-73	Stage 4 Activities 9.2, 9.3 Stage 5 Activity 3.4 Stage 6 Activity 7.4	

Year 6	References to Max Maths primary; A Singapore Approach				
Statutory requirement	**Student Book**	**Workbook**	**Journal**	**Digital Student Books**	**Skills Sheets**
43. compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons	Stage 4 pages 179-181 Stage 5 pages 57-58 Stage 6 pages 136-143, 152-153	Stage 4 pages 132-136 Stage 5 page 53 Stage 6 pages 116-117, 133-135	Stage 5 page 21-23 Stage 6 page 61	Stage 4 Activities 9.1, 9.4 Stage 6 Activities 7.1, 7.2, 7.3	Stage 6 Unit 7
44. illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius		No mention	No mention	No examples	
45. recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.	Stage 5 pages 50-56	Stage 5 pages 49-52	Stage 6 pages 66, 68	No examples	
46. describe positions on the full coordinate grid (all four quadrants)	Stage 6 pages 126-128	Stage 6 pages 108-111	Stage 6 pages 57-58	Stage 6 Activities 6.1, 6.2, 6.3	Stage 6 Unit 6, pp. 1-2
47. draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	Stage 6 pages 129-130	Stage 6 pages 112-113	No examples	Stage 6 Activities 6.4, 6.5	Stage 6 Unit 6, pp. 3-4
48. interpret and construct pie charts and line graphs and use these to solve problems	Stage 5 pages 210-215 Stage 6 page 113	Stage 5 pages 198-207 Stage 6 pages 103-104	No examples	No examples	Stage 5 Unit 12, p. 2 Stage 6 Unit 5, pp. 1-
49. calculate and interpret the mean as an average.	Stage 6 pages 115-116	Stage 6 pages 105-106	No examples	Stage 6 Activities 5.1, 5.2, 5.5	Stage 6 Unit 5, p. 3