

7SSG End of year revision checklist – Theta 1 textbook

You will have two end of year tests in Maths – 1 calculator and 1 non-calculator. Each test will be 50 min, and those entitled to extra time will get another 25% (12.5 mins)

This is a list of the topics you will be tested on.

Remember, for Maths you must do questions and test yourself. Reading notes is not enough.

Name: _____

- Doing check-ups at the end of each unit can help you identify areas you need to work, if you are unsure.
- Questions from each section, unit tests and questions from 'strengthen' and 'extend' at the end of each chapter can help you.
- You may find the following websites useful also:
www.mymaths.co.uk, www.khanacademy.org, www.mathsgenie.co.uk
mathswatch.co.uk/vle

	Grade yourself before starting? 1 – 5	Questions done	Confidence after revision 1 - 5		Grade yourself before starting? 1 – 5	Questions done	Confidence after revision 1 – 5
Unit 1 – Analysing and displaying data	☹ ☺		☹ ☺	Unit 3 – Expressions, functions and formulae	☹ ☺		☹ ☺
1.1 Mode, median and range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.1 Functions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Displaying data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.2 Simplifying expressions 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Grouping data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.3 Simplifying expressions 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Averages and comparing data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.4 Writing expressions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Line graphs and more bar charts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.5 Substituting into formulae	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				3.6 Writing formulae	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 2 – Number skills				Unit 4 – Decimals and measures			
2.1 Mental maths	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.1 Decimals and rounding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Addition and subtraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.2 Length, mass and capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Multiplication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.3 Scales and coordinates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Division	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.4 Working with decimals mentally	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Time and money	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.5 Working with decimals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Negative numbers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.6 Perimeter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7 Factors, multiples and primes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.7 Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 Square and triangle numbers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.8 More units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Grade yourself before starting? 1 – 5	Questions done	Confidence after revision 1 – 5		Grade yourself before starting? 1 – 5	Questions done	Confidence after revisio 1 – 5
Unit 5 – Fractions	☹ ☺		☹ ☺	Unit 8 – Lines and angles	☹ ☺		☹ ☺
5.1 Comparing fractions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.1 Lines, angles and triangles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2 Simplifying fractions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.2 Estimating, measuring and drawing angles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3 Working with fractions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.3 Drawing triangles accurately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.4 Fractions and decimals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.4 Calculating angles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.5 Understanding percentages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.5 Angles in a triangle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.6 Percentages of amount	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.6 Quadrilaterals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 6 – Probability				Unit 9 – Sequences and graphs			
6.1 The language of probability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.1 Sequences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2 Calculating probability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.2 Pattern sequences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3 More probability calculations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.3 Coordinates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.4 Experimental probability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.4 Extending sequences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.5 Expected outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.5 Straight line graphs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				9.6 Position-to-term rules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unit 7 – Ratio and proportion				Unit 10 – Transformations			
7.1 Direct proportion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.1 Congruency and enlargements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.2 Writing ratios	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.2 Symmetry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.3 Using ratios	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.3 Reflections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.4 Scales and measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.4 Rotations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.5 Proportions and fractions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.5 Translations and combined transformations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.6 Proportions and percentages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				