Tool	Page No.	Activity title	Learning objective
Clocks	10	My day	Measuring: use am, pm and 12-hour clock notation
		Give me the time!	Measuring: read time to the nearest minute
	11	How much time have I got?	Measuring: choose units of time to measure time intervals
		Getting the time right	Measuring: read time to the nearest minute
Fraction equivalents	14	Equivalent fractions	Counting and understanding number: use diagrams to identify equivalent fractions
		Higher, lower, freeze!	Counting and understanding number: use diagrams to identify equivalent fractions
	15	Bits 'n' pieces	Calculating: find fractions of numbers
		Bring on the decimals	Counting and understanding number: recognise the equivalence between decimal and fraction forms of one half, quarters, tenths and hundredths
Graphs and charts	18	Fruity pictograms	Handling data: analyse and interpret the data in pictograms
		Who watched what?	Handling data: compare the impact of representation where scales have intervals of differing step size
	19	Spotlight on sports	Handling data: analyse the interpret the data in tables and bar charts
		Change of view	Handling data: answer a question by identifying what data to collect and how to present it
Magic calculator	22	Broken calculator	Calculating: use a calculator to carry out one-step and two-step calculations involving all four operations
		Beat the boss	Calculating: add or subtract mentally pairs of two-digit whole numbers
	23	Pocket money	Calculating: interpret the display correctly in the context of money
		Halve and halve again	Knowing and using number facts: identify the doubles of two-digit numbers; use these to calculate doubles of multiples of 10 and 100 and derive the corresponding halves
Measuring jug	26	How much more?	Knowing and using number facts: use knowledge of addition and subtraction facts to derive the differences of pairs of multiples of 10
		Guess the drip	Knowing and using number facts: use knowledge of rounding
	27	Reading the scale	Measuring: use decimal notation to record measurements
		Bits of drips	Measuring: know the meaning of 'milli'

Star Maths Tools ¥ Year 4