Year 6 Maths Checklist

Name:	Date:

Number and Place Value

I can identify and describe the properties of prime, composite, square and triangular numbers. (ACMNA122)	
I can select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving all four operations with whole numbers. (ACMNA123)	
I can investigate everyday situations that use integers and represent these numbers on a number line. (ACMNA124)	

Fractions and Decimals

I can compare and order fractions with related denominators and represent them on a number line. (ACMNA125)	
I can solve problems involving the addition and subtraction of fractions with the same or related denominators. (ACMNA103)	
I can find a fraction of a collection, where the result is a whole number. (ACMNA127)	
I can add and subtract decimals with or without digital technologies. (ACMNA128)	
I can use rounding and estimation to check the reasonableness of answers. (ACMNA128)	
I can multiply decimals by whole numbers, where the results are terminating decimals. (ACMNA129)	
I can divide decimals by whole numbers, where the results are terminating decimals. (ACMNA129)	
I can multiply and divide decimals by powers of 10. (ACMNA130)	
I can make connections between equivalent fractions, decimals and percentages. (ACMNA131)	

Money

I can investigate and calculate percentage discounts of 10%, 25% and 50% on sale items, with or without digital technologies. (ACMNA132)	

Patterns and Algebra

I can continue and create sequences involving whole numbers, fractions and decimals. (ACMNA133)	
I can describe the rule used to create number sequences. (ACMNA133)	

Using Units of Measurements

I can connect decimal representations to the metric system. (ACMMG135)	
I can convert between common metric units of length, mass and capacity. (ACMMG136)	
I can solve problems involving the comparison of lengths and areas using appropriate units. (ACMMG137)	
I can connect volume and capacity and their units of measurement. (ACMMG138)	
I can interpret and use timetables. (ACMMG139)	

Shape

I can construct prisms and pyramids. (ACMMG140)	

Location and Transformation

I can investigate combinations of translations, reflections and rotations, with and without the use of digital technologies. (ACMMG142)	
I can introduce the Cartesian coordinate systems using all four quadrants. (ACMMG143)	

Angles

I can investigate angles on a straight line, at a point and vertically opposite angles. (ACMMG141)	
I can find unknown angles on a straight line, at a point or vertically opposite known angles. (ACMMG141)	

Chance

I can describe probabilities using fractions, decimals and percentages. (ACMSP144)	
I can conduct chance experiments with both small and large numbers of trials using appropriate digital technologies. (ACMSP145)	
I can compare observed frequencies in chance experiments with expected frequencies. (ACMSP146)	

Data Representation

I can interpret and compare a range of data displays, including side-by-side column graphs and two categorical variables. (ACMSP147)	
I can interpret secondary data, including the message that people who created the data may want to convey. (ACMSP148)	