



Year 7 Milestone Criteria

Mathematics

PURPLE	To design and use two-way tables for discrete and grouped data;	
	Calculate the area and perimeters of compound shapes made from triangles and rectangles;	
	To list all outcomes for combined events systematically	
	To estimate the number of times an event will occur, given the probability and the number of trials	
	Be able to write a number in standard form	
	To find the product of two linear expressions by multiplying two brackets together	
	To solve angle problems giving reasons	
	To compare data from pie charts that represent different sized samples	
To interpret scatter graphs in terms of the relationship between two variables		
BLUE	Multiply and divide positive and negative whole numbers	
	Use brackets and the hierarchy of operations	
	Round numbers to a given power of 10;	
	Find the probability of an event happening using theoretical probability	
	Manipulate and simplify algebraic expressions by collecting 'like' terms;	
	Identify congruent shapes by eye	
	Mark parallel lines on a diagram	
	Know the properties of each special type of quadrilateral and use the to name a given shape	
Draw and interpret comparative and dual bar charts		
Recognise simple patterns, characteristics, relationships in bar charts and line graphs		
GREEN	Add and subtract positive and negative numbers	
	Recall all multiplication facts to 10×10 ,	
	Multiply or divide any number by powers of 10	
	Calculate the mode, median and range for discrete data;	
	Mark events and/or probabilities on a probability scale of 0 to 1	
	Colour in missing squares to complete reflections	
	Measure angles using a protractor	
	Draw and interpret pictograms and bar charts	
Name angles and distinguish between acute, obtuse, reflex and right angles		
Plot coordinates in the first quadrant		
YELLOW	To know and use number bonds to 100	
	To recall and use the 2, 5 and 10 times tables	
	Be able to reflect a simple shape in a given mirror line	
	To extract information from simple tables	
	To use the words certain, likely, unlikely and impossible to describe probabilities	
	Be able to find the mode and range of a small set of data	