Personalised Learning Checklist

Subject: Maths

Year group: Stage 8

Dear Student,

During the academy closure you have been set a number of tasks. The list below is the learning you should have completed. Your teacher will use the list to check your progress during this time. It may be used for short quizzes, mini assessments or homework. Where there are gaps your lessons will focus on improving your knowledge and understanding.

Objective	My personal RAG rating (Red- do not understand, Amber- some understanding, Green- I am confident			Teacher RAG rating
• Know and use the vocabulary of probability	RED	AMBER	GREEN	
• Understand the use of the 0-1 scale to measure probability	RED	AMBER	GREEN	
• List all the outcomes for an experiment, including the use of tables	RED	AMBER	GREEN	
• Work out theoretical probabilities for events with equally likely outcomes	RED	AMBER	GREEN	
• Know that the sum of probabilities for all outcomes is 1	RED	AMBER	GREEN	
• Apply the fact that the sum of probabilities for all outcomes is 1	RED	AMBER	GREEN	
• Know the meaning of expression, term, formula, equation, function	RED	AMBER	GREEN	
• Know and use basic algebraic notation (the 'rules' of algebra)	RED	AMBER	GREEN	
• Simplify a simple expression by collecting like terms	RED	AMBER	GREEN	
• Simplify more complex expressions by collecting like terms	RED	AMBER	GREEN	
• Manipulate expressions by multiplying an integer over a bracket (the distributive law)	RED	AMBER	GREEN	
• Manipulate expressions by multiplying a single term over a bracket (the distributive law)	RED	AMBER	GREEN	
• Substitute positive numbers into expressions and formulae	RED	AMBER	GREEN	
• Given a function, establish outputs from given inputs and inputs from given outputs	RED	AMBER	GREEN	
• Generate terms of a sequence from a position-to-term rule	RED	AMBER	GREEN	
• Find the nth term of an ascending linear sequence	RED	AMBER	GREEN	
• Find the nth term of an descending linear sequence	RED	AMBER	GREEN	
• Use the nth term of a sequence to deduce if a given number is in a sequence	RED	AMBER	GREEN	