Year 8 Objective List – Intermediate   HT5 – 2022-23

Expressions, Equations and Sequences:

Objective	Sparx Task	
Writing algebraic products and sums using index notation and applying index laws	M120	
Simplify algebraic terms involving powers	M120	
Expand single term over a single bracket	M237	
Expand and simplify expressions involving brackets	M792	
Factorise expressions	M100	
Form expressions		
Maintaining balance by adding the same to both sides	M707	
Maintaining balance by multiplying on both sides	M707	
Solving one step equations by balancing	M707	
Solving two step equations by balancing including with brackets, fractions and negative numbers	M509	
Construct and solve one and two step equations involving perimeter and area of shapes	M957	
Find the next term of a sequence in pictures	M241	
Find the nth term of a linear sequence	M991	
Use table of values to plot graphs of simple linear sequences	M932	
Identify equations of horizontal and vertical lines	M797	
Read and interpret real life graphs	M771	
Read distance time graphs	M581	