<u>Year 8 Objective List – Intermediate</u>

<u>HT5</u>

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