Number Properties and Simplifying Expressions:

Objective	Sparx Task	
Understand prime numbers, factors and multiples		
Prime factor decomposition	M108	
HCF including Venn diagrams	M365	
LCM including Venn diagrams	M365	
Problem solving with LCM and HCF	M227, M698	
Introduce laws of indices	U235	
More complex simplifying with laws of indices	U694	
Powers of 10- understand the effects of multiplying dividing by powers of 10	M113	
Put numbers into standard form	U330, U534	
Convert standard form into ordinary numbers	U330, U534	
Calculating and estimating with powers	M878	
Powers – simplifying expressions with addition and subtraction	M120	
Powers – simplifying expressions with multiplication and division	M120	
Powers – simplifying expressions with brackets and powers	M120	

Powers – simplifying expressions using laws of indices	M120, U235	
Expanding expressions with powers with single brackets	M237	
More complex expanding brackets	M237	
Expand and simplify expressions	M792	
Factorise expressions with powers	M100	
More complex factorising expressions	M100	