

REVISION Basic Number:

Objective	Sparx Task	
Add and subtract positive and negative numbers (understand bank statements)	U947 U742	
Multiply and divide positive and negative numbers	U548	
Use the hierarchy of operations	U976	
Perform all 4 operations with decimals	U478 U293	
Round numbers to decimal places and significant figures	U298 U480 U965 U731	
Estimate answers to calculations by rounding	U225	
Use the laws of indices to multiply and divide numbers in index form	U235	
Write a number as a product of primes and use in context	U739	
*Check answers by using inverse operations		
*Use one calculation to find an answer to another		
*Perform the 4 operations with numbers in index form		
*Use brackets and hierarchy of operations with indices	U976	
*Use calculators for operations with indices		
*Find LCM and HCF by listing or using Venn diagrams	U250	
*Solve problems using LCM, HCF and prime numbers		

*Additional objectives

REVISION Basic Algebra:

Objective	Sparx Task	
Select an expression/equation/formula/identify from a list. Write an expression	U613	
Simplify an expression by gathering like terms	U105	
Multiply and divide algebraic terms		
Multiply out a single bracket	U179	

Factorise into a single bracket	U365	
Use index laws with algebraic terms	U662	
Substitute numbers into expressions	U201	
Substitute into formulae	U585	
*Introduce the identity sign	U613	
*Write expressions to solve problems representing a situation		
*Derive a simple formula, including those with squares, cubes and roots		

*Additional objectives

Representing data:

Objective	Sparx Task	
Understand different types of data and how it could be collected.	U322	
Understand population, sample and bias.	U911 U120 U162	
Find mean, median, mode and range for a small data set.	U526 U291 U456 U260	
Find these measures of spread from different sources such as frequency tables and bar charts etc.	U569	
Estimate the mean from a grouped frequency table.	U877	
Recognise the advantages/disadvantages from using the different measures of spread.	U717	
Use measures of spread to compare data and draw conclusions	U717	