Foxford Learning Plan

Maths - YEAR 10 Foundation

Prime Factors, HCF, LCM, Laws of Indices, factorising, inequalities, Two Way Tables, Time Series, Line of

Key Vocabulary

Factorise	Finding what to multiply to get an expression by means of a bracket. Example: 2y+6 = 2(y+3),
Expand	Expanding brackets means multiplying each term in the brackets by the expression outside the brackets.
Indices	An index is a small number that tells us how many times a term has been multiplied by itself. The plural of index is indices
Line of Best Fit	Straight line through points on a scatter diagram
Inequalities	Expressed with < > = signs, number lines and can be solved like equations
Interior	Angles inside a polygon
Exterior	Angles outside a polygon

Key Skills

Over the course of the term, I will be able to: -
Working with Prime Factors
Finding HCF/LCM
Multiplying and dividing decimals
4 number operations with fractions
Adding and subtracting mixed numbers
Comparing FDP
Percentage increase and decrease
Simplifying Expressions (Laws of Indices)
Using Formulae
Introducing and Solving inequalities
Factorise linear expressions
Solving Equations with brackets
Find Nth Term
Two Way Tables
Stem and Leaf diagrams
Pie Charts
Lines of Best fit
Averages from graphs and tables
Mean from tables and estimating the mean
Angle properties in triangles
Interior and Exterior angles
Angle Problems