



# Penny Chivers Maths Tutor

## Two year Maths IGCSE Course 2020 - 2021

### First Term

Week 1	Week Commencing 07/09/2020	Number	Types of Number Factors, Multiples, Prime Factors LCM & HCF BODMAS
Week 2	14/09/2020	Fractions	Simplifying/equivalent Finding a fraction Top heavy/mixed numbers Adding/subtracting/multiplying/dividing Using a calculator with fractions
Week 3	21/09/2020	Percentages  Decimals & Fractions	Finding a percentage with and without a calculator Percentage increase & decrease Fractions, Decimals & Percentages Rounding Numbers
Week 4	28/09/2020	Algebra	Negative Numbers Substitution Simplifying Brackets
Week 5	05/10/2020	Algebra	Powers & Indices Solving equations
Week 6	12/10/2020	Ratio & Basic Proportion	Ratio - simplifying Ratio - dividing quantities Direct proportion Inverse proportion
Week 7	19/10/2020	Graphs	Coordinates & axes Creating coordinates from an equation Plotting straight lines Equation of a straight line