

Mathematics – Year 8 Report Feedback Sheet

Please find below information on each of the topics outlined on your child’s report for Mathematics. We have broken down each topic into the relevant objectives to help you support your child in improving on their ‘insecure’ or ‘developing’ topics. We have directed you to the accompanying resources to allow your child to improve using the website www.hegartymaths.com. The number written in the resources column corresponds to the video number that can be typed into the search box on Hegarty Maths. This will allow your child to watch a video on the relevant objective and take a quiz to ensure they have secured their understanding.

Topic 1 – Fractions	Resources
Fractions as pictures	58
Generate equivalent fractions	59
Simplify fractions	60
Compare fractions	61
Express one number as a fraction of another	62
Convert improper fractions to mixed numbers	63
Convert mixed numbers to improper fractions	64

Topic 2 – Fraction calculations	Resources
Add or subtract fractions (same denominator)	65
Add or subtract fractions (different denominators)	66
Multiply fractions	68
Multiply whole numbers by fractions	67
Divide Fractions	70

Topic 3 - Decimals	Resources
Understand place value in decimals	45
Compare decimal numbers	46
Order decimal numbers	46
Add and Subtract decimal number	47
Multiply two decimals numbers	48
Divide a decimal by an integer	49
Divide two decimal numbers	50

Topic 4 – Percentages	Resources
Understand percentage means out of 100	81
Calculate simple percentages of an amount (10% 25% 50%)	84
Calculate a percentage of an amount	85
Calculate percentage increase and decrease	88
Find the percentage of an amount using a multiplier	89
Percentage increase/decrease using a multiplier	90
Calculate the original quantity given the value after the percentage change	96

Topic 5 - FDP Conversions	Resources
Convert a percentage to a fraction	82
Convert a fraction to a percentage	75-76
Convert a percentage to a decimal	83
Convert a decimal to a percentage	55
Convert decimals to fractions	52
Convert fractions into decimals	73-74
Write common recurring decimals as fractions	53