

Oasis Academy Don Valley – Curriculum Map 2019/20 - Maths

Year Group 7	Half Term 1 9/9/19-25/10/19 7 weeks	Half Term 2 4/11/19-20/12/19 7 weeks	Half Term 3 6/1/19-14/2/19 6 weeks	Half Term 4 24/2/19-27/3/19 5 weeks	Half Term 5 14/4/19-22/5/19 6 weeks	Half Term 6 1/6/19-28/7/19 7 weeks 2 days
Module Title	Making generalisations about the number system	Making generalisations about the number system	2D Geometry	The Cartesian plan	Fractions	Ratio and proportion
Key Questions	What is a number?	Why do we use y?	How do I find missing angles?	What is area?	What is a fraction?	What is ratio and when do I use it?
Key Knowledge covered	Unit 1 – numbers and numerals Unit 2 – axioms and arrays Unit 3 – factors and multiples Unit 4 – order of operations	Unit 5 – positive and negative numbers Unit 6 – introducing sequences, expressions and equations	Unit 7 – angles Unit 8 – classifying 2D shapes Unit 9 – constructing triangles and quadrilaterals	Unit 10 – coordinates Unit 11 – area of 2D shapes Unit 12 – transforming 2D figures	Unit 13 – prime factor decomposition Unit 14 – equivalent fractions Unit 15 – all operations acting on fractions	Unit 16 – ratio Unit 17 – percentage
Key Words and definitions	Base 10 Commutativity Associativity Factor Multiple Prime	Negative Scaler Algebra Unkown Expression Substitution	Exterior angle Interior angle Parallel Perpendicular Corresponding Alternate Co-interior Polygon	Line segment Midpoint Area Perimeter Reflect Rotate Translate	Prime factor Decomposition Common Factors Common Multiples	Ratio Percentage
Formative assessment	Review Quiz Exit tickers Diagnostic questions Hegarty Maths Homework	Review Quiz Exit tickers Diagnostic questions Hegarty Maths Homework	Review Quiz Exit tickers Diagnostic questions Hegarty Maths Homework	Review Quiz Exit tickers Diagnostic questions Hegarty Maths Homework	Review Quiz Exit tickers Diagnostic questions Hegarty Maths Homework	Review Quiz Exit tickers Diagnostic questions Hegarty Maths Homework
Summative assessment	End of Unit test	End of Unit test	End of Unit test	End of Unit test	End of Unit test	End of Unit test End of year test
First-hand experience						