Culcheth High School Key Stage 3 Curriculum Map 2019 - 2020
Mathematics Year 7 Sets 1-3

CULCHETH HIGH SCHOOL
> THE BEST THAT WE CAN BE

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Key Concepts	Number and Place Value Number Calculations	Fractions, decimals and percentages Negative Numbers Statistics	Transformations Algebra – Equations	Algebra – Equations Sequences Angles, Area and Volume	Angles, Area and Volume Ratio and Proportion	Ratio and Proportion Project based learning
Themes	Prime Numbers HCF/LCM Square and Cube numbers Written calculation methods BIDMAS Rounding Decimals and whole numbers	Arithmetic with fractions and improper fractions Percentage of amount Percentage change Order fractions, decimals, percentages including negative numbers Frequency charts Pie charts Line charts	Reflect, translate and rotate shapes on a coordinate grid Simplifying expressions Substitution into an expression Input/output Solve one and two step equations including brackets Solve equations with a non-integer solution	Simplifying expressions Substitution into an expression Input/output Solve one and two step equations including brackets Solve equations with a non-integer solution Term to term rule Nets of 3D shapes Angle rules Area of triangles, trapezia Cuboids	Nets of 3D shapes Angle rules Area of triangles, trapezia Cuboids Compare measurements using ratio notation Simplifying ratios Dividing in a ratio	Compare measurements using ratio notation Simplifying ratios Dividing in a ratio Project to solve a problem appropriate to this year's curriculum
Writing Whole school literacy focus	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions	Literacy based problem solving questions
Key Assessment Focuses, Suggested Assessments and Feedback Week	w/c 7/10 50 minute QMA based on all topics studied since September	w/c 25/11 50 minute QMA based on all topics studied since September	w/c 13/01 50 minute QMA based on all topics studied since September	w/c 9/03 50 minute QMA based on all topics studied since September	w/c 27/04 50 minute QMA based on all topics studied since September	w/c 15/06 50 minute QMA based on all topics studied since September
Special Events			Pi day 14/3			
Possible Visits						