

Culcheth High School Key Stage 3 Curriculum Map 2019 - 2020

Mathematics Year 7 Set 4



	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 Division	Fractions, decimals and percentages (F,D,P) 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	Multiplying and dividing by 10,100,1000 Common multiples and factors of two numbers Mental and written addition, subtraction and multiplication Checking calculations Dividing up to a 4-digit number by up to a 2-digit number with and without remainders Interpreting remainders	Simplify and order fractions Equivalent F,D,P Addition and subtraction including mixed numbers Multiplying and dividing a fraction by a whole number Multiplying decimals by a single digit Pie Charts Line graphs Averages	Coordinates in all 4 quadrants Translation Reflection Use simple one and two step formula in words Basic algebra notation Using unknowns in algebra	Use simple one and two step formula in words Basic algebra notation Using unknowns in algebra Find next terms and generate terms in a linear sequence Drawing 2D shapes accurately Building 3D shapes from nets Angle rules Area of triangles and parallelograms Estimate and calculate volume of cubes and cuboids	Drawing 2D shapes accurately Building 3D shapes from nets Angle rules Area of triangles and parallelograms Estimate and calculate volume of cubes and cuboids Multiplicative reasoning to find missing parts Find scale factor of similar shapes Unequal sharing	Multiplicative reasoning to find missing parts Find scale factor of similar shapes Unequal sharing Project to solve a problem appropriate to this years 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			