

St Thomas More RC College Curriculum Topic Overview commencing September 2020

Subject Maths Year Group 7

Week	Autumn
1	Divisibility tests, Primes, Multiples, Factors
2	Highest common factor, Lowest common multiple
3	Squares, Cubes, Index notation, Using a calculator
4	Ordering fractions, decimals and percentages (including negative numbers)
5	4 rules of negative numbers
6	Multiplying and dividing decimals using formal written methods
7	Priority of operations (BIDMAS)
8	Basic algebraic notation, collecting like terms
9	Substitution into expressions and formulae, use function machines
10	Multiplying out brackets
11	Faces, edges, vertices, parallel lines, perpendicular lines, Line and rotational symmetry in polygons
12	Use correct notation for describing angles and lengths, construct triangles using compasses and protractors
13	Simplifying fractions, Improper fractions and mixed numbers
14	Write a percentage as a fraction, write a quantity as a percentage of another
15	Use ratio notation, simplifying ratios, divide a given quantity into two parts in a given ratio

Week	Spring
16	Faces, edges, vertices, parallel lines, perpendicular lines, Line and rotational symmetry in polygons
17	Use correct notation for describing angles and lengths, construct triangles using compasses and protractors
18	Simplifying fractions, Improper fractions and mixed numbers
19	Write a percentage as a fraction, write a quantity as a percentage of another
20	Use ratio notation, simplify a ratio
21	Divide a quantity in two parts in a given ratio
22	Use a term-to-term rule to generate linear and non-linear sequences, find the term-to-term rule for a sequence, describe a sequence
23	Convert between metric units of length, mass and volume
24	Angle facts (e.g. in a triangle, around a point etc.)
25	Explain reasoning using vocab of angles
26	Add and subtract fractions and mixed numbers
27	Multiply and divide fractions and mixed numbers

Week	Summer
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One Page Summary for different Isolation situations

All subjects, all years need a curriculum topic summary by the end of September

Students are off in relatively small numbers (i.e. less than a full class in any year group)

<p>Maths English Science RE daily task on SMHW One task per week should be a video explanation or lesson, any source. Other subjects one task per week on SMHW Option subjects at KS4 to set tasks weekly for pupils Assessment will be carried out on return to school by class teacher viewing the work. Daily contact with teachers is by PAL form time on Microsoft Teams Vulnerable/SEN students also have weekly contact via rm41</p>

Students are off in large numbers (whole year group or class told to self-isolate for up to 14 days)

Or Tier 2 response were rota is in place.
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<p>Class teachers in all subjects to set work in accordance with timetable Majority of tasks written assignments on SMHW One lesson per week should include a video explanation any source. One lesson/tutorial per fortnight should be via Microsoft teams. (schedule as timetable) Assessment will be carried out on return to school by class teacher viewing the work. Form time on Microsoft Teams by form teacher provides daily contact Vulnerable/SEN students also have weekly contact via rm41</p>
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Lockdown significant numbers of students are absent
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<p>Class teachers in all subjects to set work in accordance with timetable Majority of tasks written assignments on SMHW One lesson per week should include a video explanation any source. One lesson/tutorial per fortnight should be via Microsoft teams. (schedule as timetable) Assessment will be carried out once per fortnight but should not be onerous Form time on Microsoft Teams by form teacher provides daily contact Vulnerable/SEN students also have weekly contact via rm41</p>
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