Form 3 Scheme of Work- Mathematics

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| Date | Teaching Sessions | Topic | Content |
| 5th Jan- 9th Jan  | 3 | Pythagoras Theorem | * Roots and Squares
* Using approximations
* Theorem
* Solving for the hypotenuse
* Solving for shorter sides
* Pythagorean Triples
* 3, 4, 5 & 5, 12, 13
* Triples Generator
* Using triples to solve for missing sides
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| 12th Jan- 16th Jan | 4 |  | * Finding lengths in an isosceles triangle
* Finding the distance of a chord from the centre of a circle.
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| 19th Jan- 30th Jan  | 8 | Statistics | * Mean, Mode and Median of raw data
* Finding MMM using frequency table
* Finding the mean and modal group from a grouped frequency table
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| 2nd Jan- 20th Feb  | 9 | Sets | * Revision of notation and Venn diagram
* Compliment of a set
* Number of members
* Problems involving 3 sets
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| 23th Feb- 27th Feb | 4 | Operations | * Commutative, associative and distributive properties
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| 2nd Mar- 6th Mar | 4 | - | * Identity Element
* Inverse
* Closure
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| 9th Mar- 20th Mar | 8 |  | * Relations
* Functions
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