

# Mathematics

# BHA

|   |     |     |    |   |   |   |
|---|-----|-----|----|---|---|---|
| M | HTh | TTh | Th | H | T | O |
|   |     |     |    |   |   |   |

- Number**
- Place Value
  - Addition, Subtraction

|     |    |   |   |   |
|-----|----|---|---|---|
| TTh | Th | H | T | O |
| 5   | 4  | 3 | 2 | 1 |
| 3   | 5  | 4 | 9 | 1 |
| 2   | 0  | 9 | 9 | 9 |

**Statistics**

|           | Boys | Girls |
|-----------|------|-------|
| Abseiling | 16   | 12    |
| Archery   | 14   | 20    |
| Tennis    | 9    | 12    |

- Number**
- Multiplication and Division

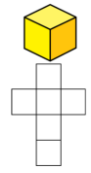
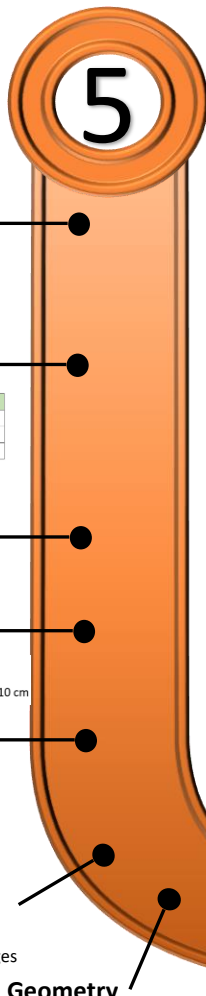
- Measurement**
- Perimeter and Area

- Number**
- Fractions

- Number**
- Decimals
  - Percentages

**Geometry**

- Properties of Shape



- Geometry**
- Properties of Shape



- Measurement**
- Converting Units
  - Perimeter, Area and Volume

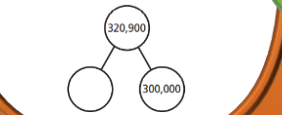
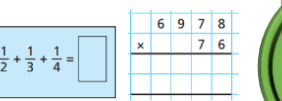


- Number**
- Decimals
  - Percentages

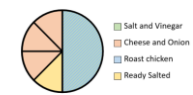
- Geometry**
- Position and Direction



- Number**
- Place Value
  - Addition, Subtraction, Multiplication and Division
  - Fractions



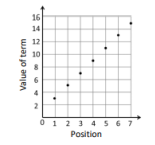
- Geometry**
- Position and Direction



- Number**
- Ratio

- Number**
- Algebra

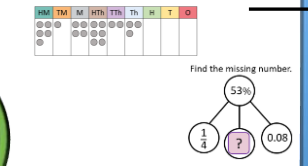
**Statistics**



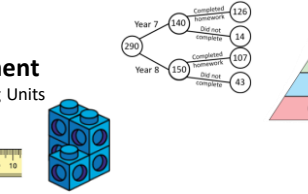
|          |   |   |   |   |
|----------|---|---|---|---|
| Position | 1 | 2 | 3 | 4 |
| Term     | 3 | 5 | 7 | 9 |

- Algebraic Thinking**
- Sequences
  - Understand and use algebraic notation
  - Equality and equivalence

- Place Value and Proportion**
- Place value
  - Ordering integers and decimals
  - Fraction, decimal and percentage equivalence



- Application of Number**
- Solving problems with addition and subtraction
  - Multiplication and division
  - Fractions and decimals of amounts



- Representations**
- Representing Data
  - Measures of location

|                 |    |
|-----------------|----|
| Number of terms | 11 |
| 2               | 16 |
| 3               | 22 |
| 4               | 27 |
| 5               | 32 |
| 6               | 37 |
| 7               | 42 |
| 8               | 47 |

Diameter : Circumference  
 $1 : \pi$

- Proportional Reasoning**
- Ratio and scale
  - Multiplicative change
  - Multiplying and dividing fractions

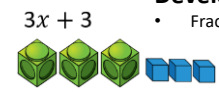
$\frac{5}{9} \div \frac{2}{3} = \frac{5}{6}$

- Lines and Angles**
- Developing geometric reasoning



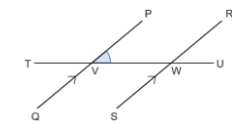
- Directed Number**
- Four operations with directed number

- Algebraic Techniques**
- Brackets & equations
  - Sequences

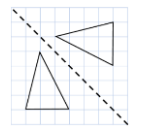


- Developing Number**
- Fractions, decimals & percentages

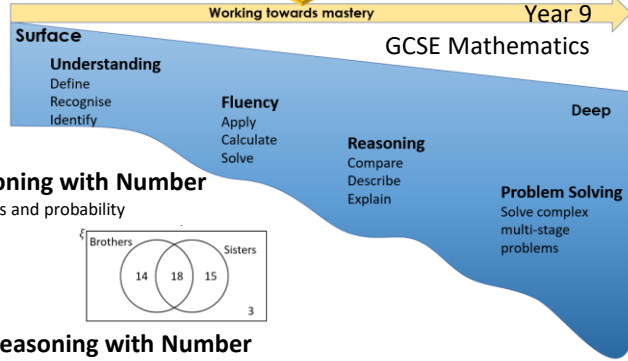
- Developing Geometry**
- Angles in parallel lines and polygons



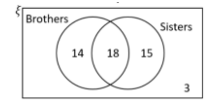
- Developing Geometry**
- Line symmetry & reflection



- Developing Geometry**
- Area of trapezia and circles



- Reasoning with Number**
- Sets and probability



- Reasoning with Number**
- Prime numbers and proof



- Fractional Thinking**
- Addition and subtraction with fractions

$\frac{6}{10} + 0.3$

