## Assessment in Maths

| Assessment (Written) | Essential Component of Understanding/Application | Why is this essential? | Misconceptions Often Addressed |
| :---: | :---: | :---: | :---: |
| Unit 1 - Place Value <br> 1.1.1 - Understand the values of digits in decimals, measures and integers | 1.1.1.1 Understand place value in integers <br> 1.1.1.2* Understand place value in decimals, including recognising exponent and fractional representations of the column headings <br> 1.1.1.3 Understand place value in the context of measure <br> 1.1.1.4 Order and compare numbers and measures using <, >, = | Y8 - Estimation and rounding | More decimal places, bigger number. <br> Different representations of place value, ie fractions |
| Unit 2 - Properties of number: factors, multiples, squares and cubes <br> 1.2.1 - Understand multiples <br> 1.2.2 - Understand integer exponents <br> 1.2.3 - Understand and use the unique prime factorisation of a number | 1.2.1.1 Understand what a multiple is and be able to list multiples of $n$ <br> 1.2.1.2* Identify and explain whether a number is or is not a multiple of a given integer <br> 1.2.2.1 Understand the concept of square and cube <br> 1.2.2.2 Understand the concept of square root and cube root <br> 1.2.2.3 Understand and use correct notation for positive integer exponents |  | Factors and multiples wrong way round Exponent of 2 means times by 2 1 is prime |


|  | 1.2.2.4 Understand how to use the keys for squares and other powers and square root on a calculator <br> 1.2.3.1 Understand what a factor is and be able to identify factors of positive integers 1.2.3.2 Understand what a prime number is and be able to identify prime numbers <br> 1.2.3.3 Understand that a positive integer can be written uniquely as a product of its prime factors <br> 1.2.3.4* Use the prime factorisation of two or more positive integers to efficiently identify the highest common factor <br> 1.2.3.5 Use the prime factorisation of two or more positive integers to efficiently find their lowest common multiple |  |  |
| :---: | :---: | :---: | :---: |
| Unit 3-Arithmetic procedures with integers and decimals <br> 2.1.1 - Understand and use the structures that underpin addition and subtraction <br> 2.1.2 - understand and use the structures that underpin | 2.1.1.1* Understand the mathematical structures that underpin addition and subtraction of positive and negative integers <br> 2.1.1.2* Generalise and fluently use written addition and subtraction strategies, including columnar formats, with decimals | Y7 Spring - arithmetic procedures including fractions | Wrongly lined up, not using number sense and only using written method. <br> Ron order <br> Only bidmas when brackets seen |


| multiplication and division strategies <br> 2.1.5 - Use the laws and conventions of arithmetic to calculate efficiently | 2.1.2.1* Understand the mathematical structures that underpin multiplication and division of positive and negative integers <br> 2.1.2.2 Factorise multiples of 10 n in order to simplify multiplication and division of both integers and decimals, e.g. $300 \times 7000,0.3 \times 0.007,0.9 \div 0.03$, etc. <br> 2.1.2.3* Generalise and fluently use written multiplication strategies to calculate accurately with decimals <br> 2.1.2.4 Generalise and fluently use written division strategies to calculate accurately with decimal <br> 2.1.3.1 Understand the mathematical structures that underpin the addition and subtraction of fractions <br> 2.1.3.2 Generalise and fluently use addition and subtraction strategies to calculate with fractions and mixed number |  |  |
| :---: | :---: | :---: | :---: |
| Unit 4 - Expressions and Equations <br> 1.4.1. - Understand and use the convention and vocabulary of algebra | 1.4.1.1 Understand that a letter can be used to represent a generalised number <br> 1.4.1.2 Understand that algebraic notation follows particular conventions | Y9 Spring - Expressions and formulae | $A=1 b=2$ etc... inverse operations |


| including forming and interpreting algebraic expressions and equations <br> 1.4.2 - Simplify algebraic expressions by collecting like terms to maintain equivalence <br> 1.4.3-Simplify algebraic expressions by collecting like terms to maintain equivalence | and that following these aids clear communication <br> 1.4.1.3 Know the meaning of and identify: term, coefficient, factor, product, expression, formula and equation <br> 1.4.1.4* Understand and recognise that a letter can be used to represent a specific unknown value or a variable <br> 1.4.1.5* Understand that relationships can be generalised using algebraic statements 1.4.1.6 Understand that substituting particular values into a generalised algebraic statement gives a sense of how the value of the expression changes 1.4.2.1 Identify like terms in an expression, generalising an understanding of unitising 1.4.2.2 Simplify expressions by collecting like terms <br> 1.4.3.1* Understand how to use the distributive law to multiply an expression by a term such as $3(a+4 b)$ and $3 p 2(2 p+3 b)$ <br> 1.4.3.2 Understand how to use the distributive law to factorise expressions |
| :---: | :---: |


|  | where there is a common factor, such as $3 a+12 b$ and $6 p 3+9 p 2 b$ <br> 1.4.3.3 Apply understanding of the distributive law to a range of problemsolving situations and contexts (including collecting like terms, multiplying an expression by a single term and factorising), e.g. $10-2(3 a+5)$, $3(a \pm 2 b) \pm 4(2 a b \pm 6 b)$, etc |  |  |
| :---: | :---: | :---: | :---: |
| Unit 5 - Plotting Coordinates <br> 4.2.1 - Connect coordinates, equations and graphs | 4.2.1.1 Describe and plot coordinates, including non-integer values, in all four quadrants 4.2.1.2 Solve a range of problems involving coordinates <br> 4.2.1.3* Know that a set of coordinates, constructed according to a mathematical rule, can be represented algebraically and graphically | Y8 Autumn - Graphical representations of linear relationships <br> Y9 Summer - Graphical representations | X and y wrong way |
| Unit 6-Perimeter and Area <br> 6.2.1 - Understand the concept of perimeter and use it in a range of problemsolving situations <br> 6.2.2 - Understand the concept of area and use it in a range of problem-solving situations | 6.2.1.1 Use the properties of a range of polygons to deduce their perimeters 6.2.2.1* Derive and use the formula for the area of a trapezium <br> 6.2.2.2 Understand that the areas of composite shapes can be found in different way | Y8 Summer -Perimeter area and volume | Area and perimeter wrong, not using all sides of compound shape |


| Unit 7-Arithmetic procedures including fractions <br> 1.3.1 - Work interchangeably with terminating decimals and their corresponding fractions <br> 1.3.2-Compare and order positive and negative integers, decimals and fractions <br> 2.1.3 - Know, understand and use fluently a range of calculation strategies for addition and subtraction of fractions <br> 2.1.4 - Know, understand and use fluently a range of calculation strategies for multiplication and division of fractions | 1.3.1.1 Understand that 1 can be written in the form n n (where n is any integer) and vice versa <br> 1.3.1.2 Understand that fractions of the form $a b$, where $a>b$, are greater than one and use this awareness to convert between improper fractions and mixed numbers <br> 1.3.1.3* Understand that a fraction represents a division and that performing that division results in an equivalent decimal <br> 1.3.1.4 Appreciate that any terminating decimal can be written as a fraction with a denominator of the form 10 n (e.g. $0.56=56100,5601000$ ) <br> 1.3.1.5* Understand the process of simplifying fractions through dividing both numerator and denominator by common factors 1 <br> .3.1.6 Know how to convert from fractions to decimals and back again using the converter key on a calculator <br> 1.3.1.7 Know how to enter fractions as divisions on a calculator and understand the limitations of the decimal representation that results |
| :---: | :---: |

1.3.2.1 Compare negative integers using < and >
1.3.2.2 Compare decimals using < and >
1.3.2.3 Compare and order fractions by converting to decimals
1.3.2.4 Compare and order fractions by converting to fractions with a common denominator
1.3.2.5 Order a variety of positive and negative fractions and decimals using appropriate methods of conversion and recognising when conversion to a common format is not required
1.3.2.6 Appreciate that, for any two numbers there is always another number in between them
2.1.3.1 Understand the mathematical structures that underpin the addition and subtraction of fractions
2.1.3.2 Generalise and fluently use addition and subtraction strategies to calculate with fractions and mixed numbers
2.1.4.1* Understand the mathematical structures that underpin the multiplication of fractions

|  | 2.1.4.2* Understand how to multiply unit, non-unit and improper fractions <br> 2.1.4.3 Generalise and fluently use strategies to multiply with mixed numbers (e.g. $324321 \times$ ) <br> 2.1.4.4 Understand the mathematical structures that underpin the division of fractions 2.1.4.5 Divide a fraction by a whole number <br> 2.1.4.6 Divide a whole number by a fraction 2.1.4.7 Divide a fraction by a fraction |  |  |
| :---: | :---: | :---: | :---: |
| Unit 8 - Understanding multiplicative relationships: fractions and ratios <br> 3.1.1 - Understand the concept of multiplicative relationships <br> 3.1.2 - Understand the concept of multiplicative relationships <br> 3.1.3 - Understand that multiplicative relationships can be represented in a number of ways and connect | 3.1.1.1* Appreciate that any two numbers can be connected via a multiplicative relationship <br> 3.1.1.2 Understand that a multiplicative relationship can be expressed as a ratio and as a fraction <br> 3.1.1.3 Be able to calculate the multiplier for any given two numbers <br> 3.1.1.4 Appreciate that there are an infinite number of pairs of numbers for any given multiplicative relationship (equivalence) <br> 3.1.2.1* Use a double number line to represent a multiplicative relationship | Y8 Spring - Understanding multiplicative relationships: percentages and proportionality | Only seeing additive relationship <br> Multiplying always makes it bigger <br> Not sharing in equal parts |


| and move between those different representations <br> 3.1.4 - Understand that ratios are an example of a multiplicative relationship and apply this understanding to a range of contexts | and connect to other known representations <br> 3.1.2.2* Understand the language and notation of ratio and use a ratio table to represent a multiplicative relationship and connect to other known representation <br> 3.1.3.1 Find a fraction of a given amount <br> 3.1.3.2 Given a fraction and the result, find the original amount <br> 3.1.3.3 Express one number as a fraction of another <br> 3.1.4.1 Be able to divide a quantity into a given ratio <br> 3.1.4.2 Be able to determine the whole, given one part and the ratio <br> 3.1.4.3* Be able to determine one part, given the other part and the ratio <br> 3.1.4.4 Use ratio to describe rates (e.g. exchange rates, conversions, cogs, etc.) |  |  |
| :---: | :---: | :---: | :---: |
| Unit 9-Transformations <br> 6.3.1 - Understand and use translations <br> 6.3.2 - Understand and use rotations | 6.3.1.1 Understand the nature of a translation and appreciate what changes and what is invariant <br> 6.3.1.2 Understand the minimum information required to describe a |  | Shapes changing size Reflection lines incorrect Vectors used incorrectly, y first. <br> Enlargement always makes it bigger Rotating around a point not on the shape |



|  | 6.3.4.2 Understand the minimum <br> information required to describe an <br> enlargement (centre of enlargement <br> and scale factor) <br> 6.3.4.3 Enlarge objects using <br> information about the centre of <br> enlargement and scale factor |  |  |
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## Year 7

What happens following an assessment to address pupil misconceptions and reteaching of essential knowledge?

- All assessments are covered and green penned in class,
- The pupils complete evaluation sheets working out EBI, WWW and MRI. This then highlights their individual strengths and weaknesses within the topic
- Within the following topic there are starters covering the previous topic so retrieval practice is key


## Formative Assessment in Maths

- Questioning
- White boards
- Exit tickets


## Feedback and Acting on Feedback (should be on the most valuable thing)

- Every assessment has feedback that the pupil acts upon


## Year 8

| Assessment (Written) | Essential Component of Understanding/Application | Why is this essential? | Misconceptions Often Addressed |
| :---: | :---: | :---: | :---: |
| Unit 1 - Estimating and rounding <br> 1.1.2 Round numbers to a required number of decimal places <br> 1.1.3 Round numbers to a required number of significant figures <br> 1.1.4 Estimate calculations by rounding | 1.1.2.1 Round numbers to three decimal places <br> 1.1.2.2 Round numbers to any number of decimal places <br> 1.1.3.1 Understand the concept of significant figures <br> 1.1.3.2* Round integers to a required number of significant figures <br> 1.1.3.3 Round decimals to a required number of significant figures <br> 1.1.4.1 Understand what is meant by a sensible degree of accuracy <br> 1.1.4.2* Estimate numerical calculations <br> 1.1.4.3 Estimate and check if solutions to problems are of the correct magnitude <br> 1.1.4.4 Determine whether calculations using rounding will give an underestimate or overestimate 1.1.4.5 Understand the impact of rounding errors when using a calculator, and the way that these can be compounded to result in large inaccuracies <br> 1.1.4.6 Calculate possible errors expressed using inequality notation $\mathrm{a}<\mathrm{x} \leq \mathrm{b}$ |  | Not rounding to nearest sig fig <br> Rounding decimals incorrectly Loosing decimal point First zero significant |
| Unit 2 - Sequences <br> 4.1.1 Understand the features of a sequence | 4.1.1.1* Appreciate that a sequence is a succession of terms formed according to a rule | Y9 Spring - Non linear relations |  |


| 4.1.2 Recognise and describe <br> arithmetic sequences | 4.1.1.2 Understand that a sequence can be <br> generated and described using term-to-term <br> approaches 4.1.1.3 Understand that a sequence <br> can be generated and described by a position- <br> to-term rule <br> 4.1.2.1 Understand the features of an arithmetic <br> sequence and be able to recognise one |  |
| :--- | :--- | :--- |
|  | 4.1.2.2* Understand that any term in an <br> arithmetic sequence can be expressed in terms <br> of its position in the sequence (nth term) |  |
| 4.1.2.3 Understand that the nth term allows for |  |  |
| the calculation of any term |  |  |
| 4.1.2.4 Determine whether a number is a term |  |  |
| of a given arithmetic sequence |  |  |$\quad$| Unit 3 - Graphical representations |
| :--- |
| of linear relationships |
| 4.2.1 Connect coordinates, |
| equations and graphs |
| 4.2.2 Explore linear relationships |


|  | 4.2.2.4 Solve a range of problems involving graphical and algebraic aspects of linear relationships |  |  |
| :---: | :---: | :---: | :---: |
| Unit 4 - Solving Linear Equations <br> 2.2.1 Understand what is meant by finding a solution to a linear equation with one unknown <br> 2.2.2 Solve a linear equation with a single unknown on one side where obtaining the solution requires one step <br> 2.2.3 Solve a linear equation with a single unknown where obtaining the solution requires two or more steps (no brackets) <br> 2.2.4 Solve efficiently a linear equation with a single unknown involving brackets | 2.2.1.1 Recognise that there are many different types of equations of which linear is one type <br> 2.2.1.2 Understand that in an equation the two sides of the 'equals' sign balance <br> 2.2.1.3* Understand that a solution is a value that makes the two sides of an equation balance <br> 2.2.1.4 Understand that a family of linear equations can all have the same solution <br> 2.2.2.1 Solve a linear equation requiring a single additive step <br> 2.2.2.2 Solve a linear equation requiring a single multiplicative step <br> 2.2.3.1 Understand that an equation needs to be in a format to be 'ready' to be solved, through collecting like terms on each side of the equation <br> 2.2.3.2 Know that when an additive step and a multiplicative step are required, the order of operations will not affect the solution <br> 2.2.3.3* Recognise that equations with unknowns on both sides of the equation can be manipulated so that the unknowns are on one side <br> 2.2.3.4 Solve complex linear equations, including those involving reciprocals |  |  |


|  | 2.2.4.1 Appreciate the significance of the bracket in an equation <br> 2.2.4. 2 Recognise that there is more than one way to remove a bracket when solving an equation <br> 2.2.4.3 Solve equations involving brackets where simplification is necessary first |  |  |
| :---: | :---: | :---: | :---: |
| Unit 5 - Understand Multiplicative relationships percentages and proportionality <br> 3.1.2 Understand that multiplicative relationships can be represented in a number of ways and connect and move between those different representations. <br> 3.1.5 Understand that percentages are an example of a multiplicative relationship and apply this understanding to a range of contexts <br> 3.1.6 Understand proportionality | 3.1.2.3 Use a graph to represent a multiplicative relationship and connect to other known representations <br> 3.1.2.4 Use a scaling diagram to represent a multiplicative relationship and connect to other known representations <br> 3.1.5.1 Describe one number as a percentage of another <br> 3.1.5.2 Find a percentage of a quantity using a multiplier <br> 3.1.5.3* Calculate percentage changes (increases and decreases) <br> 3.1.5.4 Calculate the original value, given the final value after a stated percentage increase or decrease <br> 3.1.5.5 Find the percentage increase or decrease, given start and finish quantities <br> 3.1.6.1 Understand the connection between multiplicative relationships and direct proportion 3.1.6.2 Recognise direct proportion and use in a range of contexts, including |  |  |



| 5.2.1.2 Understand how certain statistical measures may change as a result of changes in data <br> 5.2.1.3 Understand range as a measure of spread, including a consideration of outliers <br> 5.2.1.4 Understand that the different statistical representations offer different insights into a set of data <br> 5.2.1.5* Use the different measures of central tendency and spread to compare two sets of data <br> 5.2.1.6 Use the different statistical representations to compare two sets of data <br> 5.2.1.7 Recognise relationships between bivariate data represented on a scatter graph <br> 5.2.2.1 Given a statistical problem, choose what data needs to be analysed to explore that problem <br> 5.2.2.2* Given a statistical problem, choose appropriate statistical measures to explore that problem <br> 5.2.2.3 Given a statistical problem, choose appropriate representations to explore that problem <br> 5.2.2.4 Given a statistical problem, choose appropriate measures and representations to effectively summarise and communicate conclusions |  |  |
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| Unit 7 - Perimeter, area and volume <br> 6.2 Understand the concept of <br> perimeter and use it in a range of <br> problem-solving situations | 6.2.1.2 Recognise that there is a constant <br> multiplicative relationship ( $\pi$ ) between the <br> diameter and circumference of a circle |  |
| :--- | :--- | :--- |
| 6.2.2 Understand the concept of <br> area and use it in a range of <br> problem-solving situations | 6.2.1.3 Use the relationship $\mathrm{C}=\pi$ d to calculate <br> unknown lengths in contexts involving the <br> circumference of circle |  |
| 6.2.3 Understand the concept of <br> volume and use it in a range of <br> problem-solving situations | 6.2.2.3* Understand the derivation of, and use <br> the formula for, the area of a circle <br> 6.2.2.4 Solve area problems of composite shapes <br> involving whole and/or part circles, including <br> finding the radius or diameter given the area |  |


|  | 6.1.1.4 Solve problems that require use of a <br> combination of angle facts to identify values of <br> missing angles, providing explanations of <br> reasoning and logic used |  |  |
| :--- | :--- | :--- | :--- |
| Unit 9 - Constructions | 4.1.1 Understand a circle as the locus of a point <br> equidistant from a fixed point <br> in constructions the properties of a circle <br> 6.4.2 Use the properties of a <br> rhombus in construction | 6.4.1.2 Use intersecting circles to construct <br> triangles and rhombuses from given lengths <br> 6.4.2.1 Be aware that the diagonals of a <br> rhombus bisect one another at right angles <br> 6.4.2.2 Be aware that the diagonals of a <br> rhombus bisect the angles |  |
|  | 6.4.2.3* Use the properties of a rhombus to <br> construct a perpendicular bisector of a line <br> segment <br> 6.4.2.4 Use the properties of a rhombus to <br> construct a perpendicular to a given line through <br> a given point <br> 6.4.2.5 Use the properties of a rhombus to <br> construct an angle bisector |  |  |

## Year 8

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- All assessments are covered and green penned in class,
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- Within the following topic there are starters covering the previous topic so retrieval practice is key


## Formative Assessment in Maths

- Questioning
- White boards
- Exit tickets


## Feedback and Acting on Feedback (should be on the most valuable thing)

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## Year 9

| Assessment (Written) | Essential Component of Understanding/Application | Why is this essential? | Misconceptions Often <br> Addressed |
| :--- | :--- | :--- | :--- |
| Unit 1 - Geometric Properties - Understand and use <br> similarity and congruence | 6.1.2.1* Recognise that similar shapes have sides in <br> proportion to each other but angle sizes are <br> preserved | Y10 U1 \& 2F - Angles, scale <br> diagrams and bearings <br> Y10 U13F \& U10H - <br> 6.1.3 - Understand and use <br> Pythagoras' theorem | 6.1.2.2 Recognise that for congruent shapes both and area <br> side lengths and angle sizes are preserved <br> Y10 U17F \& U14H <br> Properties of polygons |
| 6.1.2.3 Understand and use the criteria by which |  |  |  |
| triangles are congruent |  |  |  |


|  | 5.3.2.2 Systematically identify all possible outcomes for more than two events using appropriate diagrams, e.g. lists <br> 5.3.2.3 Find theoretical probabilities from sets of outcomes organised in a systematic way from a range of appropriate representations <br> 5.3.3.1* Understand that probability is a measure of the likelihood of an event happening and that it can be assigned a numerical value <br> 5.3.3.2 Calculate and use theoretical probabilities for single events <br> 5.3.3.3 Understand that the probabilities of all possible outcomes sum to one <br> 5.3.3.4 Calculate and use theoretical probabilities for combined events using a variety of appropriate representations, including Venn diagrams |  |  |
| :---: | :---: | :---: | :---: |
| Unit 3 - Non-linear relationships <br> 4.1.3-Recognise and describe other types of sequences | 4.1.3.1 Understand the features of a geometric sequence and be able to recognise one <br> 4.1.3.2 Understand the features of special number sequences, such as square, triangle and cube, and be able to recognise one <br> 4.1.3.3 Appreciate that there are other number sequences | Y10 U11F \& U8H Sequences |  |
| Unit 4 - Expressions and formulae <br> 1.4.4 - Find the products of binomials <br> 1.4.5 - Rearrange formulae to change the subject | 1.4.4.1* Use the distributive law to find the product of two binomials <br> 1.4.4.2 Understand and use the special case when the product of two binomials is the difference of two squares <br> 1.4.4.3 Find more complex binomial products | Y10 U5F \& U3H - Algebra Y10 U18F \& U15H Equations |  |



| 1.3.3 - Interpret and compare numbers in standard form $A \times 10 n$, $1 \leq \mathrm{A}<10$ | 1.3.3.2 Understand that very large numbers can be written in the form a $\times 10 \mathrm{n}$, (where $1<\mathrm{a} \leq 10$ ) and appreciate the real-life contexts where this format is usefully used <br> 1.3.3.3 Understand that very small numbers can be written in the form $\mathrm{a} \times 10-\mathrm{n}$, (where $1<\mathrm{a} \leq 10$ ) and appreciate the real-life contexts where this format is usefully used |  |  |
| :---: | :---: | :---: | :---: |
| Unit 7-Graphical representations <br> 4.2.3 - Model and interpret a range of situations | 4.2.3.1 Understand that different types of equation give rise to different graph shapes, identifying quadratics in particular <br> 4.2.3.2 Read and interpret points from a graph to solve problems <br> 4.2.3.3* Model real-life situations graphically <br> 4.2.3.4* Recognise that the point of intersection of two linear graphs satisfies both relationships and hence represents the solution to both those equations | Y10 U7F \& U5H Coordinates and linear graphs Y10 U15F \&U12H Real life graphs |  |
| End of year Mock Exams P2 | - GCSE calculator topics at Foundation level | For GCSE <br> To progress to A-level studies in Mathematics as good basics for Advanced topics |  |

## Year 9

What happens following an assessment to address pupil misconceptions and reteaching of essential knowledge?

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- Within the following topic there are starters covering the previous topic, so retrieval practice is key


## Formative Assessment in Maths

- Questioning
- White boards
- Exit tickets


## Feedback and Acting on Feedback (should be on the most valuable thing)

- Every assessment has feedback that the pupil acts upon


## Year 10

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\begin{array}{|l|l|l|l|}\hline \text { Assessment (Written) } & \begin{array}{l}\text { Essential Component of } \\
\text { Understanding/Application }\end{array} & & \text { Why is this essential? } \\
\hline \text { Non Calculator topics tested } & \begin{array}{l}\text { For GCSE } \\
\text { To progress to A-level studies in } \\
\text { Mathematics as good basics for } \\
\text { Advanced topics }\end{array} & \begin{array}{l}\text { Not understanding the difference } \\
\text { between similar and congruent } \\
\text { Enlargement can also make shapes } \\
\text { smaller } \\
\text { Negative scale factors } \\
\text { Inequality signs }\end{array}
$$ <br>
Inequalities on graphs <br>
Inverse operations <br>
Solving for 2 unknowns at the same <br>
time <br>
Solving a linear and quadratic at the <br>

same time.\end{array}\right]\)| Calculator topics tested |
| :--- |

## Year 10

What happens following an assessment to address pupil misconceptions and reteaching of essential knowledge?

- Evaluation Sheets are completed and QLA completed to highlight key areas for teaching and learning
- All assessments are corrected and green penned in class,
- The pupils complete evaluation sheets working out EBI, WWW and MRI. This then highlights their individual strengths and weaknesses within the topic
- GCSE practice questions will be used as starters in the following terms to address weaker areas

Formative Assessment in Maths

- Questioning
- White boards


## Feedback and Acting on Feedback (should be on the most valuable thing)

- Every assessment has feedback that the pupil acts upon


## Year 11

| Assessment (Written) | Essential Component of <br> Understanding/Application | Why is this essential? | Misconceptions Often Addressed |
| :--- | :---: | :--- | :--- |
| Paper 1 Non Calculator | $\bullet \quad$ All GCSE topics will be |  |  |
| covered over the 3 papers at |  |  |  |$\quad$| For GCSE |
| :--- |
| To progress to A-level studies in |
| Mathematics as good basics for |
| Mock Exams (All 3 Papers) |

## Year 11

## What happens following an assessment to address pupil misconceptions and reteaching of essential knowledge?

- Evaluation Sheets are completed and QLA completed to highlight key areas for teaching and learning
- All assessments are corrected and green penned in class,
- The pupils complete evaluation sheets working out EBI, WWW and MRI. This then highlights their individual strengths and weaknesses within the topic
- GCSE practice questions will be used as starters in the following terms to address weaker areas

Formative Assessment in Maths

- Questioning
- White boards


## Feedback and Acting on Feedback (should be on the most valuable thing)

- Every assessment has feedback that the pupil acts upon

