Year 9 - LEARNING JOURNEY

NBH S

Destination
- **GCSE Time**
- **Year 10 here we come.**

June - End of Year Assessment

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 6
- Multiples and factors
- Index Laws
- Standard form
- Rounding and error intervals
- Estimation

Half-term 5
- Pie Charts
- Probability
- Probability Trees
- Two-way tables
- Frequency Trees
- Venn Diagrams
- Sampling
- Product of prime factors

Summer

Progress Assessment - Jan

Half-term 3
- Pythagoras' Theorem
- Trigonometric Ratios
- Congruence
- Similar shapes
- Proportion

Half-term 4
- Proportion (Recipes)
- Value for money
- Exchange rates
- Percentages
- Interest and growth
- Fractions

Spring

Half-term 2
- Sequences
- Straight line graphs
- Proportional graphs
- Constructions

Half-term 1
- Solving Equations
- Forming and solving equations
- Changing the subject
- Reverse percentages

September - BASELINE

Exploring the basics
- 2D + 3D shape reasoning
- Being systematic
- Order of operations
- Four operations
- Pattern spotting
- Algebraic reasoning

Autumn

Year 10 - LEARNING JOURNEY

NBH S

End of Year (2 Papers)

Destination
- **Year 11 – Its show time!!!**

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 6
- Ratio
- Quadratic expressions and equations

Half-term 5
- Simple angle facts
- Angles in parallel lines
- Bearings
- Scale drawings
- Interior and exterior angles

Summer

Half-term 3
- Circles
- Plans and elevations
- Surface Area
- Volume
- Compound Measures

Half-term 4
- Reflections
- Rotations
- Enlargements
- Translation
- Vectors

Spring

Progress Assessment - March

Progress Assessment - December

Half-term 2
- Averages and the range
- Averages from a table
- Frequency Diagrams
- Scatter Diagrams
- Time Series Graphs

Half-term 1
- Co-ordinate Geometry
- Straight line graphs
- Non-linear graphs
- Factorising
- Simultaneous Equations
- Inequalities

Autumn

Year 10 - LEARNING JOURNEY

NBH S

End of Year (2 Papers)

Destination
- **Year 11 – Its show time!!!**

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 6
- Sampling
- Frequency Diagrams
- Histograms

Half-term 5
- Sequences
- Solving Quadratics

Summer

Half-term 3
- Volume
- Compound Measures
- Reflections, Rotations, Enlargements, Translation
- Vectors
- Simple angle facts, angles in parallel lines, bearings
- Scale drawings, interior and exterior angles

Half-term 4 (Higher Tier)
- Ratio
- Quadratic expressions and equations
- Fractions
- Indices
- Expanding and factorising

Spring

Progress Assessment - March

Progress Assessment - December

Half-term 2
- Averages and the range
- Averages from a table
- Frequency Diagrams
- Scatter Diagrams
- Time Series Graphs
- Circles
- Plans and elevations
- Surface Area

Half-term 1
- Co-ordinate Geometry
- Straight line graphs
- Non-linear graphs
- Factorising
- Simultaneous Equations
- Inequalities

Autumn

Year 10 - LEARNING JOURNEY

NBH S

End of Year (2 Papers)

Destination
- **Year 11 – Its show time!!!**

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 6
- Sequences
- Solving Quadratics
- Sampling
- Frequency Diagrams
- Histograms

Half-term 5
- Fractions
- Indices
- Expanding and Factorising

Summer

Half-term 3
- Volume
- Compound Measures
- Reflections, Rotations, Enlargements, Translation
- Vectors

Half-term 4 (Higher Tier)
- Simple angle facts, angles in parallel lines, bearings
- Scale drawings, interior and exterior angles
- Ratio
- Quadratic expressions and equations

Spring

Progress Assessment - March

Progress Assessment - December

Half-term 2
- Averages and the range
- Averages from a table
- Frequency Diagrams
- Scatter Diagrams
- Time Series Graphs
- Circles
- Plans and elevations
- Surface Area

Half-term 1
- Co-ordinate Geometry
- Straight line graphs
- Non-linear graphs
- Factorising
- Simultaneous Equations
- Inequalities

Autumn

Year 11 - LEARNING JOURNEY

NBHS

GCSE Exams – May/June

Destination
- **A-Levels**
- **College**
- **Apprenticeship**
- **The Future!!!**

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 5
- Simple angle facts
- Angles in parallel lines
- Bearing and scale drawings
- Interior and exterior angles
- Revision

Summer

Mocks Exams – March (2 Papers)

Half-term 4
- Co-ordinate geometry
- Straight line graphs
- Non-linear graphs
- Algebraic manipulation
- Solving equations
- Simultaneous equations

Half-term 3
- Averages
- Averages from tables
- Circles
- Volume
- Surface Area
- Transformations

Spring

Mock Exams – November (3 Papers)

Half-term 2
- Congruence and similarity
- Pythagoras' Theorem
- Trigonometry
- Frequency Diagrams
- Scatter diagrams & time series
- Pie Charts

Half-term 1
- Fractions
- Ratio
- Percentages
- Interest and decay
- Probability
- Probability Diagrams

Autumn

Year 11 - LEARNING JOURNEY

NBHS

GCSE Exams – May/June

Destination
- **A-Levels**
- **College**
- **Apprenticeship**
- **The Future!!!**

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 5
- Gradient and area under a curve
- Inequalities and regions
- Circle Theorem Proof
- Congruence and geometric proof
- Revision

Summer

Half-term 3
- Circle theorems
- Volume and surface area
- Similarity in 2D and 3D
- Proportion
- Algebraic Proof

Half-term 4
- Co-ordinate Geometry
- Solving quadratics
- Graphs of cubics and circles
- Simultaneous Equations
- Circle Geometry

Spring

Mocks Exams – March (2 Papers)

Half-term 2
- Trigonometric graphs
- Further Trigonometry
- 3D Pythagoras and Trigonometry
- Vectors

Mock Exams – November (3 Papers)

Half-term 1
- Sequences
- Sampling
- Histograms
- Accuracy and bounds
- Algebraic manipulation
- Conditional Probability
- Functions
- Iteration and surds

Autumn

Year 11 - LEARNING JOURNEY

NBHS

GCSE Exams – May/June

Destination
- **A-Levels**
- **College**
- **Apprenticeship**
- **The Future!!!**

Skills to succeed…
- Resilience
- Tenacity
- Problem solving
- Logic

Half-term 5
- Gradient and area under a curve
- Inequalities and regions
- Circle Theorem Proof
- Congruence and geometric proof
- Revision

Summer

Half-term 3
- Circle theorems
- Volume and surface area
- Similarity in 2D and 3D
- Proportion
- Algebraic Proof

Half-term 4
- Co-ordinate Geometry
- Solving quadratics
- Graphs of cubics and circles
- Simultaneous Equations
- Circle Geometry

Spring

Mocks Exams – March (2 Papers)

Half-term 2
- Trigonometric graphs
- Further Trigonometry
- 3D Pythagoras and Trigonometry
- Vectors

Mock Exams – November (3 Papers)

Half-term 1
- Accuracy and bounds
- Algebraic manipulation
- Conditional Probability
- Functions
- Iteration
- Surds

Autumn