LONG TERM PLAN 2022/2023

YEAR GROUP: Year 9 – Set 1 SUBJECT: Maths

| Week Start | Content Description | Assessment | Events |
|---|---|---|---|
| September | | | |
| 4th | | | |
| 11th | | | |
| 18th | Topic 1 - Number<br>Chapter 1: Number and Language | | |
| 25th | Chapter 1: Number and Language | Mini Quiz | 29th Swimming Gala |
| October | | | |
| 2nd | Chapter 1: Number and Language<br>Chapter 2: Accuracy | | 6th Armed Forces Day |
| 9th | Chapter 2: Accuracy - Bounds | Chapter 1 & 2 Test | |
| 16th | Chapter 3: Calculations and order (no need for number line)<br>Chapter 4: Integers, fractions, decimals and percentages | | 18th Careers Day |
| 23rd | Half Term Break | | |
| 30th | Chapter 5: Further percentages | Mini Quiz | |
| November | | | |
| 6th | Chapter 6: Ratio and Proportion<br>Direct and inverse proportion | Chapters 3 – 6 Test | |
| 13th | Chapter 7: Indices and standard form | | |
| 20th | Chapter 8: Money and finance | Mini Quiz | |
| 27th | Chapter 8: Money and finance<br>Chapter 9: Time | | |
| December | | | |
| 4th | | AP1 exam | 4th First Day AP1 Exams |
| 11th | | AP1 exam | 15th Last Day AP1 Exams |
| 18th | Chapter 10: Set notation and Venn Diagrams | | 22nd Winter Break |
| 25th | Winter Break | | |
| January | | | |
| 1st | Winter Break | | |
| 8th | Topic 2 – Algebra and graphs<br>Chapter 11: Algebraic representation and manipulation | | 9th First Day IB Mocks |
| 15th | Chapter 11: Algebraic representation and manipulation<br>Algebraic fractions | Mini Quiz | 15th Last Day IB Mocks |
| 22nd | Chapter 13: Equations and inequalities | | 26th Revolution Day |
| 29th | Chapter 13: Equations and inequalities<br>Chapter 15: Sequences | Unit test | |
| February | | | |
| 5th | Chapter 16: Proportion<br>Chapter 18: Graphs of functions | | |
| 12th | Chapter 18: Graphs of functions | Mini Quiz | 14th - YR9 Murder Mystery |

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| 19th | Half Term Break | | |
| 26th | Chapter 19: Differentiation and the gradient function | | |
| March (22nd Ramadan Starts) | | | |
| 5th | Chapter 20: Functions<br>Topic 3 – Coordinate geometry<br>Chapter 21: Straight-line graphs | | |
| 12th | Chapter 21: Straight-line graphs<br>Chapter 14: Linear Programming | Unit test | 16th Sports Day |
| 19th | Chapter 17: Graphs in practical situations<br>Topic 4 – Geometry<br>Chapter 22: Geometrical vocabulary and construction SSS | | |
| 26th | Chapter 23: Similarity and congruence<br>Chapter 24: Symmetry | Mini Quiz | 29th IB Art Exhibition |
| April | | | |
| 2nd | Chapter 25: Angle properties<br>Circle theorems | | |
| 9th | Topic 5 – Mensuration<br>Chapter 26: Measures<br>Conversions<br>Chapter 27: Perimeter, area and Volume | Unit test | |
| 16th | Spring Break | | |
| 23rd | Spring Break | | |
| 30th | Chapter 27: Perimeter, area and Volume | | 4th Labor Day |
| May | | | |
| 7th | Topic 6 – Trigonometry<br>Chapter 28 Bearings<br>Chapter 29: Trigonometry<br>Sine/Cosine Curves | Unit test | 7th to 9th Science Fair |
| 14th | Chapter 29: Trigonometry<br>Solve Trig equations | | |
| 21st | Chapter 30: Further Trigonometry | Mini Quiz | |
| 28th | Review | | |
| June | | | |
| 4th | Review | | |
| 11th | EOY Exams | | |
| 18th | 18th to 20th Week Without Walls | | 21st Students Last Day<br>22nd Teachers Last Day |
| End of Year | | | |

**Additional Notes**:

28th of May can be changed to Topic 7 – Vectors and transformations