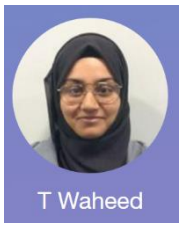
# Maths

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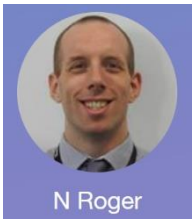


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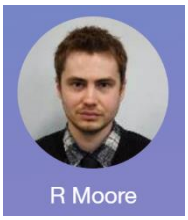


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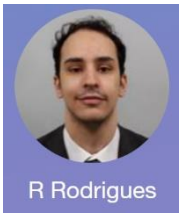


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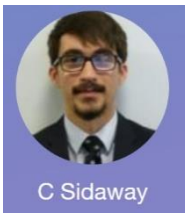


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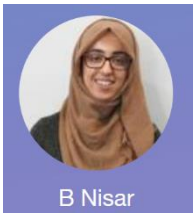


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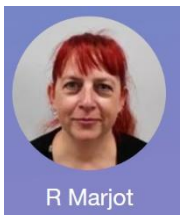


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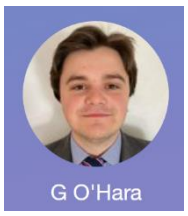
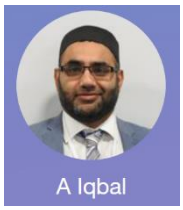



**10SMB**

**10SMC**

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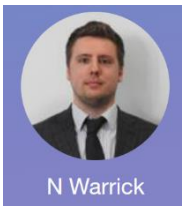


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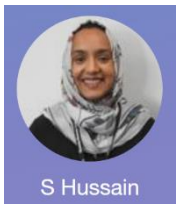


**10SMF**

## The Year 10 Maths Team

| | |
|---|---|
| B Nisar (Subject Lead KS4) | BXN@TDA.Education |
| 10NA – T Waheed | TAW@TDA.Education |
| 10NB – N Roger | NRO@TDA.Education |
| 10NC – R Moore | RNM@TDA.Education |
| 10ND – R Rodrigues | RRR@TDA.Education |
| 10NE – C Sidaway | CVS@TDA.Education |
| 10NF – B Nisar / Kenneth Madu | BXN@TDA.Education / KZM@TDA.Education |
| 10SA – R Marjot | RJM@TDA.Education |
| 10SB – G O'Hara | GHO@TDA.Education |
| 10SC – K Madu | KZM@TDA.Education |
| 10SD – A Iqbal | AMI@TDA.Education |
| 10SE – N Warrick / Eddie Mann | NJW@TDA.Education / EGM@TDA.Education |
| 10SF – S Hussain / A Mahmood | SYH@TDA.Education / AAM@TDA.Education |

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Autumn | Similarity | | | | | | Developing Algebra | | | | | |
| | Congruence, similarity and enlargement | | | Trigonometry | | | Representing solutions of equations and inequalities | | | Simultaneous equations | | |
| Spring | Geometry | | | | | | Proportions and Proportional Change | | | | | |
| | Angles & bearings | | Working with circles | | Vectors | | Ratios & fractions | | Percentages and Interest | | Probability | |
| Summer | Delving into data | | | | Using number | | | | | | Expressions | |
| | Collecting, representing and interpreting data | | | | Non-calculator methods | | Types of number and sequences | | Indices and Roots | | Manipulating expressions | |

**Assessment structure**

| Paper 1 33.3% | Paper 2 33.3% | Paper 3 33.3% |
|---|---|---|
| Non-calculator | Calculator | Calculator |
| 80 marks | 80 marks | 80 marks |
| 1 hr 30 mins | 1 hr 30 mins | 1 hr 30 mins |
| *All papers may assess any content domains and all assessment objectives in roughly same proportions across all three papers.* | | |

## Foundation Tier

Grades 1-5. Half the marks on each paper targeting grades 1 to 3 and the other half at 3 to 5.

## Higher Tier

Grades 4-9. Half the marks on each paper targeting grades 4-6 and other half at 7-9.

Key Dates for Year 10 (Internal Assessments)

Progress Test 1 – wc 14th October

- Congruence, Similarity and Enlargement
- Trigonometry

Progress Test 2 – wc 9th December

- Representing Solutions of Equations and Inequalities
- Simultaneous Equations

Progress Test 3 – wc 10th February

- Angles and Bearings
- Working with Circles
- Vectors

Progress Test 4 – wc 24th March

- Ratio and Fractions
- Percentages and Interest
- Probability

Progress Test 5 – wc 14th July

- Collecting and Representing Data
- Non-Calculator Methods
- Types of Numbers and Sequences

End of Year Exams – Monday wc 15th April

- A mix of all topics from the scheme of learning

Key Websites

- SPARX Maths www.sparxmaths.uk

Automatic login with students' Microsoft account

This is the main resource for home learning and focuses on recalling key knowledge and learning new concepts.

- Just Maths www.online.justmaths.co.uk

Login: DeaconStudent  Password: Deacon

This website is good for practicing exam style questions and would be useful to start using after Easter.