

COURSE TIMETABLE

Primary Sessions	Delivered by	Wymondham	Farlingaye	Sir Isaac Newton
Effective Mathematics Teaching <ul style="list-style-type: none"> To understand the core principles behind how to teach mathematics effectively 	Alison Borthwick/ Rose Keating	Sat 3rd Nov 9.15 – 11.30am	Wed 31st Oct 5.00 – 7.15pm	Thurs 1st Nov 5.00 – 7.15pm
Conceptual Understanding <ul style="list-style-type: none"> To understand the principles and practicalities behind conceptual mathematics in the classroom 	Alison Borthwick/ Rose Keating	Wed 28th Nov 5.00 – 7.15pm	Tues 27th Nov 5.00 – 7.15pm	Thurs 29th Nov 5.00 – 7.15pm
Fluency <ul style="list-style-type: none"> To understand the importance of seeing links and forming relationships between numbers or values 	TBC	Wed 23rd Jan 5.00 – 7.15pm	Thurs 17th Jan 5.00 – 7.15pm	Tues 22nd Jan 5.00 – 7.15pm
Reasoning <ul style="list-style-type: none"> To explore the strategies required to solve problems by establishing an understanding of patterns and themes 	TBC	Sat 2nd Feb 9.15 – 11.30am	Thurs 7th Feb 5.00 – 7.15pm	Tues 12th Feb 5.00 – 7.15pm
Problem Solving <ul style="list-style-type: none"> To understand and appreciate how pattern is at the heart of mathematics 	TBC	Wed 13th March 5.00 – 7.15pm	Thurs 7th March 5.00 – 7.15pm	Tues 12th March 5.00 – 7.15pm
Number <ul style="list-style-type: none"> To understand positional, additive and multiplicative place value and the properties of number, including big numbers, decimals and negative numbers 	Sophie Kardi	<p style="text-align: center;">Residential Friday 5th April – Saturday 6th April at Wymondham.</p> <p style="text-align: center;">For more information email: machinro.staff@wymondhamcollege.org</p>		
Algebra <ul style="list-style-type: none"> To understand the foundations of algebra, including the importance of equals 	Alison Borthwick (TBC)			
Geometry <ul style="list-style-type: none"> To explore the part of mathematics that is about shapes, sizes, positions and patterns. 	Katy Doidge			
Calculations 1 <ul style="list-style-type: none"> To explore how effective addition and subtraction strategies underpin much of the curriculum 	TBC			
Calculations 2 <ul style="list-style-type: none"> To explore how effective multiplication and division strategies underpin much of the curriculum 	TBC			
Bar Modelling <ul style="list-style-type: none"> To understand pictorial representations of problems or concepts and their benefit in visualising problems 	Alison Borthwick (TBC)			
Numbers in context <ul style="list-style-type: none"> To understand how measures and statistics are numbers in a context 	Becky Crabtree (TBC)	Wed 22nd May 5.00 – 7.15pm	Thurs 23rd May 5.00 – 7.15pm	Tues 21st May 5.00 – 7.15pm
Proportionality <ul style="list-style-type: none"> To explore fractions as the relationship between the parts of a whole and the whole itself. 	Alison Borthwick	Sat 8th June 9.15 – 11.30am	Thurs 13th June 5.00 – 7.15pm	Tues 11th June 5.00 – 7.15pm