


Westfield Academy - Curriculum Information

What your child will learn in ...(ADD VERY BRIEF INTENT)

Maths

Head of Department	C. Okemadu	
Head of Department email	cho@westfield.academy	
Lessons per 2 week cycle	8	
Specification/Board details/Key stage	OCR/Edexcel	

Term by term

Autumn 1	Autumn 2	Spring 1
Exploring numbers Exploring algebraic notation Student Research/Problem Solving	Exploring numbers Exploring Fractions Student Research/Problem Solving	Exploring Fractions Decimals and Percentages Exploring Ratios Student Research/Problem Solving
Spring 2	Summer 1	Summer 2
Exploring Algebraic notations and substitutions Exploring Algebra manipulations Student Research/Problem Solving	Exploring geometry Exploring angles and symmetry of shapes Student Research/Problem Solving	Exploring Algebra Exploring Algebraic equations Student Research/Problem Solving
Key Skills developed		
Useful Websites	https://maths.sparx-learning.com/teacher/school-settings/su bscription	
Reading/Literacy requirements /Key Words	Add Subtract	

	Multiply Divide Value More than Less than Negative Inverse Operations Estimate Identify Work out Prime number Integer Denominator, unit fraction, numerator Like-terms
Homework requirements	Two times a week
Personal Development Links	https://corbettmaths.com/5-a-day/gcse/ https://sites.google.com/westfield.academy/ks3maths/home
Trips/Visits (If applicable)	<p>Each Year 7 student will be given an age and ability-appropriate mission to complete. To achieve this, they will need to work together effectively, solving hands-on challenges requiring a wide variety of mathematical and thinking skills, and collecting the pieces of information that will enable them to complete the mission.</p> <p>Mind Missions allow students of all abilities to engage with challenges, enhance a wide range of skills, make real progress in developing their skills and improve their academic performance at school.</p> <p>It presents students the opportunity to shine in practical programmes outside of the normal curriculum, build their confidence, improve their learning skills and raise their own expectations of what they can achieve.</p>