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	7	
Specification/Board details/Key stage	Edexcel	

Term by term

Autumn 1	Autumn 2	Spring 1
Algebraic Expressions Quadratics Equations and Inequalities Graphs and Transformations Straight line Graphs Circles	Algebraic Methods 1 & 2 Binomial Expansion Trigonometric Ratios	Trigonometric Identities and equations Vectors 1 & 2

Spring 2	Summer 1	Summer 2
Differentiation Integration Exponentials and Logarithms	Review Exam Paper Practice	UCAS Functions and Graphs Sequences and Series Binomial expansion Exam Paper Practice

Key Skills developed	
Useful Websites	**https://my.integralmaths.org/integral/core/login/index.php**

Reading/Literacy requirements /Key Words	Index Base Surd Quadratic Cubic Exponential Equations Inequalities Simultaneous Expand Factorise Simplify Sketch Identity Function Calculus Integrate Differentiate Exponential Logarithm Function Sequence Binomial
Homework requirements	Four times times a week
Personal Development Links	https://sites.google.com/westfield.academy/ks3maths/home
Trips/Visits (If applicable)	