

Kettering Science Academy: Key Stage 3. This chart shows the sequence of topics, projects and activities delivered in years 7-9.

	English	Mathematics			Science		Humanities			Languages		Art	Technology Department				Expressive Arts		PE	Citizenship and PHSE
		Developing	Core	Extending	Strand A	Strand B	Geography	History	Ethics	French	German		Design and Technology	Food	Graphics	Textiles	Music	Drama		
Year 7 term 1	Short Stories	U1 Analysing and displaying data U2 Calculating	U1 Analysing and displaying data U2: number skills	U1 Analysing and displaying data U2 Number skills	7F Acids and alkalis, 7K forces	7A cells, tissues and organs, 7B Reproduction	Introduction to Geography – a Geographer’s skills	Introduction to History – a Historian’s skills	What is belief?	"Weetabix" project - greetings, dates, Paris	Students take French not German in year 7	Visual elements. Drawing	These projects are taught on a rotation - all students will do all 4 projects in turn				Instruments of the Orchestra	Introduction To Drama	Basketball / netball / football / team building	Aspiration and Inspiration: growth mindset
Year 7 term 2	Cultural Poetry	U3 Expressions, functions, formulae U4 Graphs	U3 Expressions, functions and formulae U4 decimals and measures	U3 Equations, functions and formulae U4 Fractions	7E mixtures, 7G particles	7I Energy, 7C Muscles	Introduction to Geography - Skills	Romans	Introduction to moral issues	"Weetabix" project - Colours, furniture, food		Pop Art - Colour Theory & Exploration	Spinning top project; key ring; 2D design and laser cutter	Eat Well plate, Functions of Nutrients in the body, health and safety	Earphone wrap: colour theory and logo design	Creating a woven panel	Keyboard Skills 1	Techniques and Reviewing Performance	Rugby / netball / basketball	Wellbeing: stress, body image, bullying
Year 7 term 3	H G Wells (AO3 and extracts focus)	U5 Factors and multiples U6 Decimals and measures	U5 Fractions U6 Probability	U5 Angles and shapes U6 Decimals	7J Electricity	8L Earth in space	Ecosystems –Cold Environments	Normans	Should animals have rights?	Mr Man and Little Miss: Personality and family - adjectives		Colour Application. Artist Studies, pattern & Mark-making.					Music History	Exploring Script and Character	Handball / football / badminton / fitness	Personal safety: road, rail, online
Year 7 term 4	Shakespeare and extracts from <i>The Tempest</i>	U7 Angles and lines	U7 Ratio and proportion	U7 Equations	7H Atoms elements and molecules, 7L sound	7D ecosystems,	Rivers	Normans	Should animals have rights?	School and opinions		3D form and printmaking					The Beatles	Elizabethan theatre: <i>The Tempest</i>	Table tennis / gymnastics / dance	Careers
Year 7 term 5	Novel: <i>Treasure Island/ Peter Pan</i>	U8 Measuring and shape U9 Fractions decimals, percentages	U8 Lines and angles U9 Sequences and graphs	U8 Multiplicative reasoning U9 Perimeter area and volume	8H rocks	8B plant reproduction	Rivers	Normans	How do we care for the planet?	Shopping, food and drink		3D form and printmaking					Programme Music 1	Physical Theatre	Badminton / athletics / rounders	Relationships and growing up
Year 7 term 6	Novel: <i>Treasure Island/ Peter Pan</i>	U10 Transformations	U10 Transformations	U10 Sequences and graphs	Review and revision	Review and revision	Coasts, Fieldwork	Rebellion and Protest	World Poverty	Summative retrieval work and assessment		Project work - retrieve apply and develop skills from					Music and Space	Forum Theatre	Athletics	Wider world - cultures and traditions
Year 8 term 1	Villains and Dickens	U1 Number properties and calculations U2 shape and measures in 3D	U1 Number U2 Area and volume	U1 Factors and Powers U2 Working with powers	8E combustion, 8F periodic table	7D Ecosystems, 7L sound	Development and Globalisation	Slavery	Inspirational Leaders	Module 1: Personal information, opinions, jobs, weather	Name, number	Portraiture	These projects are taught on a rotation - all students will do all 4 projects in turn				Keyboard Skills II	Greek Theatre	Basketball / handball / cricket / fitness / netball / team building	Resilience - emotional awareness, thinking skills
Year 8 term 2	Modern Play: <i>Our Day Out / Journey's End</i>	U3 Statistics U4 expressions and equations	U3 expressions and equations U4 real life graphs	U3 2D shapes and 3D solids U4 real life graphs	9J Forces, fields, electromagnets	8D Unicellular organisms	Development and Globalisation	Industrial Revolution	British Values	Module 2: sport, cinema	Personality, colour, pets	Illustration: exploring the visual narrative	Passive phone speaker; glow lamp	H&S, allergies/intolerances, dietary requirements, adapting a recipe, customer service.	Glowlamp design	Bag design project	Film Music	Commedia Dell'Arte	Rugby / football / badminton	Healthy mind and body
Year 8 term 3	Disturbed Voices Poetry	U5 Decimal calculations U6 Angles	U5 decimals and ratio U6 Lines and angles	U5 Transformations U6 Fractions, decimals, percentages	8G Metals	8C breathing and respiration, 9I forces and motion	Natural Hazards	Industrial Revolution	British Values	Module 3: Town and house and home	Sports and free time	Op Art: 1960s Illusion Art					Rap & Hip-Hop	Elizabethan Theatre: <i>Romeo and Juliet</i>	Table tennis / handball / netball / football / basketball / fitness	Personal safety - social media
Year 8 term 4	Shakespearean Tragedy	U7 Number properties	U7 Calculating with fractions	U7 Constructions and loci	9F reactivity, 8I fluids	9B plant growth	Natural Hazards including climate change	Tudors	Sport and Leisure	Module 4: healthy living, human body	School	Vessels from another world' - vessels/3D form					Pink Floyd	Elizabethan Theatre	Badminton / fitness / kinball / dance / handball	Careers - skills and qualities
Year 8 term 5	The Gothic with extracts from <i>Frankenstein</i>	U8 Sequences U9 Fractions and percentages	U8 Straight line graphs U9 FDP	U8 Probability U9 Scale drawing and measures	8H rocks	9A genetics	Urban Change	Tudors / Stuarts	Sport and Leisure	Module 5: festivals, customs	Home and Germany	Cultural Art (Aboriginal Art)					Fusions	Musical Theatre	Athletics / cricket / softball / badminton / basketball / rounders	Relationships: coping, peer pressure, positive and negative relationships
Year 8 term 6	The Gothic with extracts from <i>Frankenstein</i>	U10 Probability	U10 Statistics graphs and charts	U10 Graphs	Review and revision	Review and revision	Urban Change	Stuarts	Prejudice and Discrimination	Module 6: daily routine, pocket money	Review and assessment	Abstraction: Metal and Form.					Video Game	Reviewing Performance	Athletics	Politics in the UK; the law
Year 9 term 1	Novel: <i>Tsotsi/ Animal Farm/ Of Mice and Men</i>	U1 Number powers, decimals, HCF and LCM, roots and rounding.	U1 Number powers, decimals, HCF and LCM, roots and rounding.	U1 Powers and roots	GCSE Combined Science units begin: CC1/2/3/4	GCSE Combined Science units begin: CB1(a-d), CP3	Small scale ecosystems	WW1	Culture and Beliefs	Holidays	Urlaub: summer holidays	Still Life composition	These projects are taught on a rotation - all students will do all 4 projects in turn				Keyboard Skills: Queen	GCSE Taster	Basketball / handball / netball / team / building	Ambition and inspiration: growth mindset, self confidence
Year 9 term 2	Novel: <i>Tsotsi/ Animal Farm/ Of Mice and Men</i>	U2 Expressions, formulae, expanding and factorising	U2 Expressions, formulae, expanding and factorising	U2 Expressions, formulae, equations, inequalities, sequences	CP4, CC14	CB2, CP1	Rainforests	WW1	Culture and Beliefs	Languages and jobs	Food - café and picnic	Photography; German Expressionism	Stationery Designer: design process, budget, recycling	Job roles in hospitality, bread, pastry and sauce making, presentation of food, research.	Zoetrope	Shoe project - design and laser cutting	20th Century Music	BTEC Taster	Rugby / table tennis / basketball / kinball	Health: drugs, alcohol, emotions
Year 9 term 3	Drama: <i>Curious Incident/ A View from the Bridge</i>	U3 Graphs, table and charts	U3 Graphs, table and charts	U3 Averages and data	CP5	CB5	Weather hazards	WW1 / WW2	Marriage and the Family	Technology: dangers and benefits	After school - TV and free time	Photography; German Expressionism					Band Skills	Theatre Practitioners	Fitness / football / table tennis / trampolining	Cyber bullying, CEOP
Year 9 term 4	Shakespeare: <i>Romeo and Juliet</i>	U4 Fractions and percentages	U4 Fractions and percentages	U4 Fractions, percentages, ratio & proportion	CC5-7	CB3	Extreme Weather in the UK	WW2	Marriage and the Family	Family and relationships	Sports	Icons: I think, I dream, icon!					Song writing The Perfect Pop Song	Theatre Practitioners	Badminton / fitness / handball	Careers: the future
Year 9 term 5	The Romantics	U5 Equations, inequalities and sequences	U5 Equations, inequalities and sequences	U5 Angles, Pythagoras and trigonometry	CC13	CB1 (e-)	Urban Issues and Challenges	WW2	Human Rights and Social Justice	Environmental issues	Review and Assessment	‘Drawing: Abstraction – Growth and Form’. Mixed media, drawing from the natural world					Radio Show	Careers Documentary Theatre	Athletics / cricket / badminton	Relationships: consent, teen issues
Year 9 term 6	Speaking and Listening: Language Paper 2 Skills	U6 Angles, polygons and parallel lines. U7 Averages and range	U6 Angles, polygons and parallel lines. U7 Averages and range	U6 Real life and algebraic graphs	Review, revision, core practicals	Review, revision, core practicals	Urban Issues and Challenges	Holocaust	Human Rights and Social Justice	Transactional language (buying tickets etc - prep for GCSE role play)	Review and Assessment	Summative work, working towards the KS3 ‘Graduation Exhibition’					Design and Technology is taught using a project-based approach, with students taking each project in rotation			
		Students in mathematics follow our Developing, Core, or Extending programme, depending on their current level of ability			Students generally have two science teachers, so they are usually studying two science areas at any time															