

# Curriculum Overview



Co-op Academy  
Swinton

	Year 7	Year 8	Year 9	Year 10	Year 11
<b>Maths</b>	Sequences, Understand & use algebraic notation, Equality & equivalence, Place value & ordering Integers & decimals, FDP equivalence, Solving problems with addition & subtraction, Solving problems with multiplication & division, Fractions & percentages of amounts, Operations & equations with directed number, Addition & subtraction of fractions, Construction & measuring, Geometric reasoning, Developing number sense, Sets & probability, Prime numbers & proof	Ratio & scale, Multiplicative change, Multiplying & dividing fractions, Working in the cartesian plane, Representing data, Tables and probability, Brackets, equations and inequalities, Sequences, Indices, Fractions & percentages, Standard index form, Number sense, Angles in parallel lines & polygons, Area of trapezia & circles, Line symmetry & reflection, The data handling cycle, Measures of location	Straight line graphs, Forming & solving equations, Testing conjectures, Three dimensional shapes, Constructions & congruency, Numbers, Using percentages, Maths & money, Deduction, Rotation & Translation, Pythagoras theorem, Enlargement & similarity, Solving ratio & proportion problems, Rates, Probability, Algebraic representation	Congruence, Similarity & enlargement, Trigonometry, Representing solutions of equations & inequalities, Simultaneous equations, Angles & bearings, Working with circles, Vectors, Ratio & fractions, Percentages & interest, Probability, Collecting, Representing & interpreting data, Non-Calculator methods, Types of number & Sequences, Indices & roots, Manipulating expressions	Gradient & lines, Non-linear graphs, Using graphs, Expanding & factorising, Changing the subject, Functions, Multiplicative reasoning, Geometric reasoning, Algebraic reasoning, Transforming & construction, Listing & describing
<b>English</b>	Oliver Twist, A midsummer night's dream, Poetry anthology, Ancient tales, Mastery writing	The adventures of Sherlock Holmes, The tempest, Animal farm, Descriptive writing, Mastery writing	Jane Eyre, Romeo & Juliet, Poetry anthology, Reading for study	Lang 2a: Exploring non-fiction. Lit 1a: Macbeth, Lang 1b: Creative writing, Lit 2b: Ozymandias, London, MLD, Lang 1&2: Language skills (19 <sup>th</sup> Century), Lit 1b: A Christmas carol, Lang 2b: Writing to present a viewpoint, Lit 2b: The prelude, Sotl, Exposure, Lang 1a: Exploring fiction, Lit 2a: An inspector calls, Lang: Speaking & listening, Lit 2b: BC, Remains, WP, CotLB	Lit 2c: Unseen poetry, Macbeth, P&C Poetry, Poppies, Kamikaze, The emigree, Tissue, ComH, Revision of all topics
<b>Science</b>	Forces & motion, Particles, energy, Chemical reactions, Cells tissues & organs, Reproduction & variation	Ecological relationships & classification, Light & space, The periodic table, Digestion & nutrition, Materials & the earth, Electricity & magnetism	Plants & photosynthesis, Matter, reactivity, Biological systems & processes, Forces in action, Energetics & rates, Sound waves	B1- Cell Biology, C1- Atomic structure & the periodic table, P1- Energy, B2- Organisation, C2- Bonding, P2- Electricity, B3- Infection & response, C3- Quantitative chemistry, P3- Particle model of matter, B4- Bioenergetics, C4- Chemical changes, P4- Atomic structure, C5- Energy changes	P5- Forces, p6- waves, P7- Magnetism & Electromagnetism, C6- rate & extent of chemical change, C7- Organic chemistry, C8- Chemical analysis, C9- Chemistry of the atmosphere, C10- Using resources, Revision of all topics
<b>History</b>	Britain pre 1066, Norman conquest, Why did people go on crusade, The middle ages, Tudors, Stuarts	Empire & abuse of power, French revolution, Civil rights movement, The great war, Interwar years	Second World war, The holocaust, The cold war, Terrorist of freedom fighter	Crime & punishment 1000 – present day, Crime & punishment 1700 – present day, Anglo-Saxon Normans, Germany	American west, Germany, Revision of all topics
<b>Geography</b>	Knowing our world, What is the UK like, Disasters of the earth, HIC's and LIC's, Hot plant, Changing landscapes	Human rights and wrongs, Man vs Wild, Rich world, Poor world, Rain or shine, Our unequal world, Geography of conflicts	Geography of crime, What is the geography of the largest country, Nigeria a land of contracts, is our planet fighting back?, Rio in the urban world	Living world, urban change UK/Bristol/Rio, Resources/Sustainable cities – Freiburg, Rivers, Landscapes, Fieldwork, Climate change	Analysis evaluation and judgement – tectonics, Spit formation, pre released skills, Revision of all topics
<b>Religious Studies</b>	Miracles, Religion and charity, Anti-Racism	Suffering, Philosophy, Rite of passage, Refugees and persecution	Cults & Alternative Religions, Ethics, Afterlife, The island	Christian beliefs, Islamic beliefs and teachings, Christianity: Practices, Islam: Practices, Relationships & families, Religion & life	Christian beliefs, Islamic beliefs and teachings, Themes, Revision of all topics.
<b>Spanish</b>	Who am I, What is my school like, what is my life like, What is my town like, The Hispanic world	Do you like holidays, What do we do, How is my life, are you hungry, What do you think of Summer, What do you think of CoCo	We are that way, Guide you, Being in shape, young people in action, An adventure	Identity & culture, The norm, Local area, holiday & travel, School	School, future aspirations, study & work, international & global dimensions, speaking examinations, Revision of all topics
<b>French</b>	Who am I, How is your school, what do I do in my free time, what is my life like, How is my town	Are you connected, Do you like Paris, What is my identity, What is the identity of my religion, Where do you go on holiday, Do you like culture	My teenage social life, Good in your skin, On the horizon, Special holidays, Me in the world	Who am I, Free time, Special days and celebrations, Local area, holiday & travel, At school	At school, Future aspirations, study & work, International & global dimensions, Speaking examinations, Revision of all topics
<b>Mandarin</b>	Foundational Chinese, Hi, Family & home	Hobbies, School, Food and drink, My world tour	All about me, My life, School life, Leisure	Identity & culture, Local, national and global area of interest, Local, national, international and global area of interest	Current and future study and employment, Identity & culture
<b>Drama &amp; Performing Arts</b>	Statis house, This is me!, Cultures, Surfers of Brazil, Spears sports, Billy Elliot	Dilemmas, Active Shakespeare, Let him 'ave it, physical Theatre, Warden X, Performance for theatre - Stomp	Too much punch for Judy, Brecht and political theatre, Curious incident and frantic assembly, Blood brothers – Musical Theatre 1, Blood Brothers – Musical Theatre 2, Metamorphosis by Berkoff – Stylised theatre	Component 2 scripted – Two by Jim Cartwright, Component 3 Exam prep – An inspector calls, Component 1 Devising, Taking flight / Photo stimulus, Component 1 examination preparation	Component 1 Devising – Set stimulus, Component 2 performance from script, Component 3 An inspector calls and review of live theatre
<b>Music</b>	Rhythm & pulse, Graphic scores & elements of music, instruments & notation, Music & mood, around the world!, Samba	Patterns in Music, Variations, Rock & roll, Protest music, Film music, Decades	Pop Music, Hip hop, EDM	Studying music theory, song-writing and producing. Setting up and running studio sessions.	Written exam preparation based on The Music Industry. Creating a music product or event.
<b>Art</b>	Drawing for intent & purpose, Bringing Art to life, World in colour, How art feels, Textured art, Iron giant	Illustration, Art in motion, Under the sea, sea life, food art	Metamorphosis, Mutants, Human face, Icons, Street art, Still-life	Architecture, Materials, Materials Human form, Natural form, Natural form clay	Natural forms, examination preparations, GCSE controlled assessment
<b>Photography</b>			Forced perspective, Street art, Surrealism, Surreal message, Natural pattern, Natural textures	Food, Architecture, Urban architecture, Still-life	Human form, GCSE controlled assessment
<b>Design &amp; Technology</b>	Graphics festival project, Structures / Engineering, Ball bearing game, introduction to food	Isometric drawing / sketching & product analysis, Biomimicry architecture, lighting / Lamp design, International cuisine	Healthy eating, brand identity & pop up restaurant design, CAD/CAM modelling and product development, Designers / packaging, branding and modelling, Producing a range of healthy meals, Analysis of recipes	D&T – Passive amplifier or storage, new & emerging technologies, Theory and design principles, Analytical drawing H&C – H&C in industry, environments of operation, meeting customers needs, quality control & time plans, Key job requirements in industry	D&T – NEA project H&C – Understand menu planning Revision of all topics
<b>Physical Education</b>	Team building, Rugby League, Basketball, Dance, Free Running, Gymnastics, Football, Netball, Volleyball, Weight lifting, Table tennis, Fitness, Softball, Rounders, Athletics running & throwing	Basketball, Rugby league, Volleyball, Football, Dance, Netball, Free running, weight lifting, table tennis, Trampoline, Fitness, Softball, Rounders, Athletics running & throwing	Rugby league, Football, Netball, Table tennis, Weight lifting, Basketball, Free running, dance, Fitness, Trampoline, Softball, Rounders, Athletics running & throwing	Sports Studies – Sports leadership, Outdoor activities	Sport Studies – Contemporary issues in Sports, Developing sport skills