



Key Stage 3 Course Outlines

Across Key Stage 3 (Years 7 to 9), we aim to adopt and adapt the English National Curriculum for England and Wales, modified for our unique, international context, and vertically articulated around a clear 'progression of skills'.

The following course summaries provide an overview of the content and skills covered throughout Key Stage 3, and are under regular review. They should be considered a guide only, and teachers may deviate from them where necessary to respond to the needs and interests of each individual learner.

Where parents would like more detailed information about course content (short-, medium- or long-term), in order to help them better support their child's learning at home, they should contact the relevant Head of Faculty.

Key Stage 3 Art & Design

Year 7	Skills learnt
Back to Basics	<ul style="list-style-type: none"> ● Elements of art: line, value, texture, colour and space ● Principles of design: harmony, balance, contrast and pattern ● Still life drawing ● Colour mixing, painting with focus on Fauvism ● Landscape painting ● Experimenting with composition by recreating Henri Matisse's cutouts ● Artist research: Morandi, Michael Craig Martin, Audrey Flack, Henri Matisse and Hunderswatter
Cubism	<ul style="list-style-type: none"> ● Understanding and creating Analytical and Synthetic Cubist compositions ● Constructing 3D cardboard sculptures inspired by Braque's Cubist musical instruments
Aboriginal Art	<ul style="list-style-type: none"> ● Understanding symbolism through directed research ● Making paint from natural pigment and natural binding agents ● Group painting project to create a large scale school display

Year 8	Skills learnt
African Art	<ul style="list-style-type: none"> ● Research Symbolism and use of African masks and textiles in different tribes ● Designing and constructing 3D African masks with cardboard and papier mâché ● Block printing African patterns on textiles
Gothic Art	<ul style="list-style-type: none"> ● Surrealist methods of expression such as frottage, collage, decalcomania, grattage and exquisite corpse ● Analysing symbolism and fantastic imagery in Hieronymus Bosch's The Garden of Earthly Delights, developing new characters for clay animation ● Claymation: character design, set design, storyboard, making wire armatures, stop motion filming
Alice in Wonderland	<ul style="list-style-type: none"> ● Pen & ink illustration ● Poster design: mood board, typography, Photoshop, colour theory

Key Stage 3 Art & Design (continued)

Year 9	Skills learnt
Pop Art: Transforming the Ordinary	<ul style="list-style-type: none"> ● Understanding social impacts of Pop Art by analysing subject matter, context and techniques ● Recreating Pop artists' work while reflecting the culture, life style and issues from present day popular culture ● Painting celebrity portraits with a focus on Lichtenstein's Benday dots, speech bubbles and primary colours ● Manipulating images on Photoshop to recreate Warhol's silkscreens ● Manual 3D modeling with focus on scale to recreate Oldenburg's sculptures ● Understanding the printing process by visiting a printing press and making links to the concept of mass production
Illustration	<ul style="list-style-type: none"> ● Developing personalised drawing techniques that can be printed on merchandise ● Shape construction to create characters ● Continuous line drawing & doodling in response to Burgerman's work ● Using Photoshop filters to enhance drawings
Circus: Mini IGCSE Project	<ul style="list-style-type: none"> ● Critical analysis and cultural understanding ● Recording observations from primary and secondary sources ● Using contour drawing, mixed media painting and collage to construct a successful final piece that reflects personal interpretation of the theme Circus

Key Stage 3 Citizenship

Year 7

You and your feelings	Anxieties and worries. Barriers to learning. Your identity You and family. Getting on with others.
You and other people	Bullying
Your responsibilities	Belief, customs festivals Health-eating, exercise, smoking
You and your values	Right and wrong
Money makes the world go round	How do you use your money Pocket money, spending, saving Being a responsible consumer
You as a citizen of the world	Children's rights Why laws? Types of government Global issues- resources, waste, recycling
You and the community	The school community and your role Community action. Fund raising Being a neighbour Disability
You and the media	The power of the TV How do we know what's happening in the world? How do we know what is true?
You and your time	How do you use your time? Planning work, homework, recreation, exams

Key Stage 3 Citizenship (continued)

Year 8

You and your feelings

Self esteem.
You and family.
Your body, your life.

You and other people

Friends and friendships

You and your decision making

How to make decisions.
Being assertive

You and your values

Where do you stand? Your opinions

Money makes the world go round

How do you use your money?
Banks and managing money

Citizen of the world

Law and order, and the justice system.
Rights and responsibilities .
Global issues- Poverty, food and water
Case studies

You and the community

The school community and your role
Other cultures.
Racism, prejudice, discrimination.

You and the media

How does advertising affect you?
The power of the press
You as a consumer

You and your time

How do you use your time?

Year 9 (*Global Citizenship*)

Can we create a fairer world?

Millennium development goals
Wealth and poverty
Sustainability
Different organisations in creating a fairer world

How do communities develop?

Identity and diversity
Rights and freedoms
Multiculturalism and integration
Migration

How does technology change communities?

Using technology in different communities
Impact of technology

Key Stage 3 Computer Science

Year 7

Database: Looking at the purpose and use of this piece of software. Skills include adding, deleting and amending records, creating queries and reports

Programming: Introduction to the fundamentals of computer programming and game design, and to the idea of computer programs requiring a precise series of statements and, through Kodu, will understand how to build

Spreadsheets: Introduction to the purpose and use of this piece of software. Skills include creating spreadsheet models with simple formulas.

Flowcharts: This unit includes the purpose and use of flowcharts, the symbols used to create a basic flowchart and an introduction to algorithms

Computational Thinking: This unit includes the basic principles of computational thinking including decomposition. The students will learn to break down complex problems into smaller more manageable parts or tasks.

HTML and web design: This unit introduces the language used to create webpages. Students will create a 2 page site by hand using HTML code.

Year 8

Databases: Students will be managing a database for a local business. Students will develop skills in creating complex queries, input forms and reports that are fit for purpose.

Scratch: In this unit, pupils will be introduced to the Scratch programming environment and begin by reverse-engineering some existing games. They will then progress to planning and developing their own games, learning to incorporate variables, procedures (using the Broadcast function), lists and operators. They should be able to create a fully working game with lives, scoring and some randomisation of objects, and to test and debug their programs.

Spreadsheets: Re-cap to the purpose and use of this piece of software. Skills include creating spreadsheet models with more complex formulas.

Flowcharts: This unit includes the purpose and use of flowcharts, the symbols used to create a complex flowchart. Algorithm design will be used to create flowcharts

Computational Thinking: This unit includes the basic principles of computational thinking including decomposition. The students will learn to break down complex problems into smaller more manageable parts or tasks. Pattern recognition and abstraction are also covered.

HTML and web design: This unit introduces the language used to create webpages. Students will create a 3 page site by hand using HTML code and CSS.

Key Stage 3 Computer Science (continued)

Year 9

Databases: This short unit of work covers the data structure and data types of a table including the primary key. Students will create complex queries using a range of operators.

Python: It is an introduction to Python, a powerful but easy-to-use high-level programming language. Although Python is an object-oriented language, at this level the object-oriented features of the language are barely in evidence and do not need to be discussed. The focus is on getting pupils to understand the process of developing programs, the importance of writing correct syntax, being able to formulate algorithms for simple programs and debugging their programs.

Spreadsheets: Re-cap to the purpose and use of this piece of software. Skills include creating spreadsheet models with complex formula's such as V-lookups.

Flowcharts: This unit includes the purpose and use of flowcharts, the symbols used to create a complex flowchart. Algorithm design will be used to create flowcharts.

Computational Thinking: This unit includes the basic principles of computational thinking including decomposition. The students will learn to break down complex problems into smaller more manageable parts or tasks. Pattern recognition, abstraction and algorithms are also covered.

HTML and web design: This unit introduces the language used to create webpages. Students will create a 4 page site by hand using HTML code and CSS which will be fit for purpose.

Key Stage 3 Drama

Year 7	Skills learnt
Basic Skills	Physical, vocal and stage craft skills needed to Access THE Key Stages topic areas
Melodrama	Tableaux, characetrisation, Physical theatre
Mime	Use of the body as a creative instrument
Physical Theatre	How the body can be used as an instrument in storytelling
Soap Opera	Focus, concentration and self-discipline Drama terminology producing dialogue. Students will be able to act out a simple role and maintain character
Reportage	Understanding form and genre
Devsing	Creating their own unique pieces of theatre from stimulus

Year 8	Skills learnt
Crime and Punishment	Stereotype, consequence, judgement, discrimination
Harry potter Physical theatre	How the body is used as an instrument in storytelling
Macbeth	Shakespeare in performance. How to bring Shakespeare form page to stage
Monologues	How we can explore personal stories through monologue and how we can reflect others stories through monologue
Pantomime	Characterisation, performance discipline, cooperation and body language/facial expressions.
Science fiction	Genre, storytelling, crosscutting, flashback, tableaux

Year 9	Skills learnt
Clowning	Structure of comedy and powerful impact of tragicomedy
Comedy	Structure of comedy and powerful impact of tragicomedy
Macbeth	Shakespeare in performance. How to bring Shakespeare form page to stage
Human Rights	Exploration of Human Rights issues through dramatic technique and investigation
Devising	Creating unique theatre from stimulus
Physical Theatre Alice in Wonderland	How the body can be used as an instrument in storytelling

Key Stage 3 English

Year 7	Reading	Writing
Term 1	Boy – Roald Dahl Class Novel*	Writing to explore, Imagine and entertain Writing to argue, persuade and advise
Term 2	Non-Fiction Play text	Writing to inform, explain and describe Writing to analyse, review and comment
Term 3	Poetry Shakespeare	Creative writing Writing to analyse, review and comment Essay writing skills

Year 8	Reading	Writing
Term 1	Boy – Roald Dahl Class Novel	Writing to explore, Imagine and entertain Writing to argue, persuade and advise
Term 2	Play text Poetry	Writing to analyse, review and comment Essay writing skills
Term 3	Non Fiction and Media Shakespeare	Writing to inform, explain and describe Writing to analyse, review and comment Essay writing skills

Year 9	Reading	Writing
Term 1	Fiction and non-fiction Class Novel	Writing to inform, explain and describe Writing to argue, persuade and advise
Term 2	Play text Non-fiction	Writing to analyse, review and comment Writing to explore, imagine and entertain
Term 3	Poetry Shakespeare	Language analysis and essay writing skills

We will be exploring all aspects of writing in each term but we will be assessing student writing according to the tables above. Please note that class novels may vary between classes, according to the interests and needs of the students therein.

Key Stage 3 Food Technology

Year 7

Students will complete a flavoured bread design project. Some of the foods that students will make in class include cookies, fruit salad, pasta salad and flavoured breads.

Year 8

Students will complete a layered dessert design project. Some of the foods that students will make in class include cupcakes, rock-cakes, chili con carne and baked spring rolls.

Year 9

Students will complete a staple food school meal design project. Some of the foods that students will make in class include potato dishes, pizza, lasagna and jambalaya.

Skills acquired:

- Learn how to work safely and hygienically as well understand why this is important
- Learn how to carry out a broad range of practical cooking tasks, techniques and processes
- Learn how to use kitchen equipment in a safe and correct manner
- Learn how to safely use the cooker
- Learn how to measure and weigh ingredients accurately
- Learn how to carry out sensory analysis
- Gain knowledge about healthy eating, nutrition and the functions of nutrients
- Gain knowledge about the properties and qualities of food ingredients
- Gain a better understanding of subject specific terminology
- Gain knowledge and understanding of the design and make process
- Learn how to analyse their work, evaluate their ideas and food products against design criteria
- Learn how to test, evaluate and refine their ideas and food products against a specification

Design and processing skills are developed through the completion of written and practical design projects . The projects includes research, questionnaires, design plans, practical tasks, evaluation and modifications.

Key Stage 3 Geography

Year 7

Thinking geographically	Physical, human, environmental geography 5W's questions : Who, What, Why, When, Where
Passport to geography	Map skills: Atlas, continents, oceans, seas,countries, grid references, compass, longitude,latitude.
Fantastic places	Places around the world offering different types of environments
Water everywhere	How does the weather work, Water cycle, water Basins,rivers,measuring equipment, weather systems

Year 8

7 billion and counting	Population explosion, migration, cities
Africa is not a country	World Environments , climate graphs, biomes, ecosystems
Time ticking Tectonics	Earth structure, plate tectonics, earthquakes, volcanoes, tsunami risk and disasters

Year 9

Rio 2016 (Sport Geography)	World Cup, Olympics, preparation, problems and prizes
An equal world	Development trade/globalization: food and products. Which countries are losers and which winners. How do we use the world's resources
Crackin Coasts	Features of a coastline: Erosion, deposition, longshore drift. Spits, headlands, coves wave-cut platforms. Man using the coast as a resource.

All of the work undertaken, when appropriate, in KS3, is backed up by ongoing discussion, class written work, research, map and picture interpretation, sketching, data gathering and recording skills. These are all necessary to allow the students to become skilled geographers.

Key Stage 3 History

Year 7	Year 8	Year 9
<p>Medieval Realms Who had the strongest claim to be King of England in 1066? Why did William win the battle of Hastings? How did the Normans control England? Why was Becket murdered? Why did so many people die during the Black Death?</p>	<p>The English Civil War The role of King Charles I Short and long term causes of the Civil War The role of Oliver Cromwell Which side won and why The execution of King Charles The legacy of the Civil War</p>	<p>The First World War The short and long term causes of the war The outbreak of war Trench warfare Recruitment and Conscription The Suffragettes and social change The Allied victory in Nov. 1918</p>
<p>Crime and Punishment Crime and Punishment in Ancient Rome Crime and Punishment in Medieval England Crime and Punishment in Early Modern Britain Crime and Punishment in Industrial Britain Crime and Punishment in Modern Britain</p>	<p>The Transatlantic Slave Trade and Civil Rights Movement The growth of Empires and the slave trade Life on Plantations The impact of the American Civil War The emancipation of the slaves The struggle for Civil Rights 1900 - 1950 Civil Rights protest 1950s and 1960s</p>	<p>The Second World War The impact of the Treaty of Versailles The inter war years and the rise of Fascism The dictatorships of Hitler, Stalin and Mussolini The road to the Second World War Theatres of conflict during WWII Moral issues of WWII</p>
<p>How did the Renaissance Change the World? What was the Renaissance? Leonardo- the man who wanted to know everything? 1492- the Discovery of a New World? Michelangelo the Master?</p>	<p>The secret history of spies and spying Why do people become spies? How do governments recruit spies? Real life spies Adopting your own spy persona and cover story</p>	<p>The Kennedy Era in the USA The counterculture of the 1960s The election of JFK The Cold War and the Space Race The assassination of JFK</p>

Activities include individual and group research projects; evaluating written and pictorial sources; whole class debates on controversial aspects of history; studying history through the medium of film, both archive and modern. Other tasks are designed to strengthen the students' research skills and to extend the range of reading material they are familiar with.

Key Stage 3 Maths

Year 7	Skills
Logic - two-way tables, sets and Venn diagrams	Interpreting and manipulating two-way tables, sets and Venn diagrams
Arithmetic	Understanding Place Value - whole numbers, decimals
Graphs	Interpreting and drawing - directed numbers on number line, coordinates
Arithmetic	Identifying and calculating Addition and Subtraction of Decimals - money
Angles	Drawing , interpreting and recognising - basic geometry
Arithmetic: Multiplication of Decimals	Identifying and calculating whole numbers and decimals; focus money
Number Patterns and Sequences	Interpreting and producing n th term formulae
Arithmetic: Division of Decimals	Identifying and calculating whole numbers and decimals; focus money
Area and Perimeter	Identifying and calculating - squares, rectangles, triangles
Arithmetic: Fractions - fundamental concepts	Identifying and calculating
Data Collection and Presentation - collection, organisation and display	Rearranging equations
Arithmetic: Revision - recap of four rules for whole numbers, decimals, money	Identifying and calculating
Searching for Patterns - n th terms for geometric sequences	Drawing , interpreting and recognising
Time, Timetables and Mileage Charts	Interpreting, mental arithmetic and recognising shortcuts
Arithmetic: Negative Numbers - four rules	Identifying and calculating
Algebra - linear equations	Identifying and calculating
Arithmetic: Decimals and Fractions -	Manipulating, Identifying and calculating conversions
Discrete Quantitative Data -	Recognising organisation and analysing data
Scale Drawing	Construction and interpretation of diagrams using lengths and angles
Arithmetic: Fractions	Identifying and calculating using the four rules
Probability of One Event	Calculating the probability of one event including addition law
Volume of objects	Recognising and calculating capacity and density of cubes, cuboids, triangular prisms

Key Stage 3 Maths (continued)

Year 8	Skills
Mathematical Diagrams	Drawing , interpreting and recognising; extension to critical path analysis
Factors	Expanding and contracting expressions
Pythagoras' Theorem	Drawing , interpreting and recognising
Rounding and Estimating	Interpreting significant figures, mental arithmetic and recognising shortcuts
Data Analysis	locating and calculating mode, median, mean, range for discrete ungrouped frequency
Nets and Surface Area	Identifying and calculating
Ratio and Proportion	Identifying and calculating (extension to inverse proportion)
Algebra: Brackets (extension to two brackets)	Rearranging equations
Arithmetic: Fractions and Percentages	Identifying and calculating (extension to reverse problems)
Probability	Using multiplication law, tree diagrams (extension to conditional probability) to predict two events
Angles, Bearings and Maps	Making - scale drawings
Formulae - including change of subject	Rearranging equations
Money and Time	Identifying and calculating
Straight Line Graphs	Linear extrapolation, correlation
Polygons	Classification of quadrilaterals
Circles and Cylinders	Drawing , calculating and recognising
Units of Measure	Interconversion of - metric and imperial units
Speed, Distance and Time	Drawing , interpreting and calculating
Similarity	Identifying and calculating
Questionnaires and Analysis	Logical investigation

Key Stage 3 Maths (continued)

Year 9	Skills
Base Arithmetic	Mental arithmetic
Basic Operations	Identifying and calculating
Indices and Standard Form	Identifying and calculating
Fractions and Percentages	Identifying and calculating
Linear Graphs and Equations	Drawing , interpreting and recognising
Probability	Identifying and calculating
Transformations	Interpreting and producing
Statistical Diagrams	Identifying and calculating
Area, Perimeter and Volume	Identifying and calculating
Sequences	Identifying and calculating
Algebraic Manipulation	Rearranging equations
Angles, Constructions and Loci	Identifying and calculating
Graphs, Equations and Inequalities	Drawing , interpreting and recognising
Estimation and Approximation	Interpreting, mental arithmetic and recognising shortcuts
Trigonometry	Identifying and calculating
Cumulative Frequency	Identifying and calculating
Quadratic Functions	Manipulating, Identifying and calculating
Sampling	Selecting appropriate data

Key Stage 3 Modern Foreign Languages

Arabic

Year 7	Year 8	Year 9
Introductions	In town	Arabic Speaking countries/ Arabic in the world
Family	Family relationships	Hobbies and Sports
Where I live	Food	Leisure in the present and in the past
Daily routine	Travelling	The environment
At school	Health	Work and Health
Leisure	Inviting friends	Holidays
Skills: Speaking, conversation, reading, listening, writing and translation (in year 9)		

French

Year 7	Year 8	Year 9
Family	Family relationships	Study on Paris
Where I live	Food	Leisure in the present and in the past
Daily routine	Travelling	The environment
At school	Health	Work and Health
Leisure	Inviting friends	Holidays
Skills: Speaking, conversation, reading, listening, writing and translation (in year 9)		

Spanish

Year 7	Year 8	Year 9
Introductions	People and surroundings	Technology
At school	Going out	School
Family	Holidays	Health
At home	Food	Studies and Work
Leisure	Fashion	Hispanic World
Town	Study of Barcelona	Family relationships
Skills: Speaking, conversation, reading, listening, writing and translation (in year 9)		

Key Stage 3 Music

Year 7	Skills learnt
Voiceworks	Basics of how to sing properly, use the voice as an instrument, chants, rounds, avante garde use (Berberian's Stripsody), different voice types.
Melody Writing	Basics of music theory – pitch and rhythm notation. Musical form and structure. How to write a melody. Full stop and comma endings.
Instruments of the Orchestra	Identify visually and aurally the different instrumental families, notation skills,
Form and Structure	Learn about the concept of structure in Music as well as different forms such as Binary, Ternary and Rondo. This will culminate in a group/individual composition based on those forms.
Arabic Music	Learn about different instruments used in Arabic music, how it's influenced western popular music and identify and use the hijaz scale to compose a short piece of Arabic music.

Year 8	Skills Learnt
Music and Space	To use irregular time signatures, crescendos, diminuendos, different musical features to compose own group programme music piece. All based on 'The Planets' by Gustav Holst.
Melody Writing	Building on notation skills in Year 7 – compose melody using clear structure, accurate notation.
Junk Percussion	Rhythm, notation, polyrhythms created using bizarre percussion instruments – inspired by STOMP
Theme and Variation	Notation, how to vary a melody, compose own piece inspired by 'Twinkle Twinkle' by Mozart.
Folk Music	Use notation in order to play simple pieces of folk music. Learn 2 chords on the ukulele/guitar and/or piano to accompany singing. Use notation, form and structure and knowledge of the musical elements to perform a group piece of folk music.

Key Stage 3 Music (continued)

Year 9	Skills Learnt
The Blues	<p>Identify, use and apply keyboard skills to play 12BB chord pattern and/or walking bass line/melody and improvise.</p> <p>Apply aural skills to identify features of blues music.</p> <p>Compose/arrange a blues piece in groups.</p> <p>Identify, use and apply vocals composing own blues lyrics in typical structure.</p> <p>Use/develop notation skills.</p>
Rock and Roll	<p>Identify about the key musical features of Rock 'n' Roll music</p> <p>Use chords and triads, how these are constructed and formed from a bass line</p> <p>Identify and explain how chords and triads create harmony</p> <p>Learn how a Rock 'n' Roll song is put together in terms of structure, different harmonic parts and lyrics.</p> <p>Work together in a group to perform a typical Rock 'n' Roll piece.</p>
Cover Song	<p>Use skills developed over KS3 to produce their own cover song.</p> <p>Identify how to 'arrange' a piece to suit their groups skills.</p> <p>Develop and increase performance skills.</p> <p>Use notation skills.</p>
Pop Music	<p>Use skills developed over KS3 to produce their own cover song.</p> <p>Identify how to 'arrange' a piece to suit their groups skills.</p> <p>Develop and increase performing skills.</p> <p>Use notation skills.</p>
Soundtracks	<p>Identify, explain and use knowledge of leitmotifs, diagetic and non-diagetic sound to compose own soundtrack to James Bond trailer.</p>

Key Stage 3 Science

Year 7

Science 1	Science 2	Science 3
Safety	Safety	Safety
Cells making a Model cell	Energy Where does electricity come from	Particles How does an Ice Cube melt?
Particles How does an Ice Cube melt?	Cells making a Model cell	Cells making a Model cell
Reproduction The race to make a baby	Reproduction The race to make a baby)	Reproduction The race to make a baby
Energy Where does electricity come from	Electricity and Magnetism How does a torch work?	Elements and Compounds Explaining what happens when we burn magnesium
Elements and Compounds Explaining what happens when we burn magnesium	Particles How does an Ice Cube melt	Energy Where does electricity come from?
Electricity and Magnetism How does a torch work?	Elements and Compounds Explaining what happens when we burn magnesium	Electricity and Magnetism How does a torch work?
Chemical reactions What happens when a candle is alight	Space Jupiter's Moons	Chemical reactions What happens when a candle is alight
Space Jupiter's Moons	Chemical reactions What happens when a candle is alight	Space Jupiter's Moons
Acid reactions How do antacid tablets work?	Forces Journey of a pram	Acid reactions How do antacid tablets work?
Skills: Throughout the year 7 course students have regular access to the laboratory where regular experiments are carried out covering the three disciplines of Biology, Physics and Chemistry		

Key Stage 3 Science (continued)

Year 8

Science 1	Science 2	Science 3
Heating and Cooling Heat in the Kitchen	Heating and Cooling Heat in the Kitchen	The periodic Table
The periodic Table	Keeping Healthy The dodgy BBQ	Heating and Cooling Heat in the Kitchen
Life support What happens to our bodies when we exercise The journey of a cheese sandwich	Life support What happens to our bodies when we exercise The journey of a cheese sandwich	Life support What happens to our bodies when we exercise The journey of a cheese sandwich
Keeping Healthy The dodgy BBQ	Light Light Effect	Inside materials Explaining the Greenhouse effect
Inside materials Explaining the Greenhouse effect	The Periodic Table	Light Light Effect
Light Light Effect	Inside materials Explaining the Greenhouse effect	Keeping Healthy The dodgy BBQ
What is in Rocks Landslide or Explaining the Rock Cycle	Sound Designing Ear defenders	Metal reactions Acid Fizz
Metal reactions Acid Fizz	Shaping Life How can I get more eggs?	Sound Designing Ear defenders
Sound Designing Ear defenders	Metal reactions Acid Fizz	Shaping Life How can I get more eggs?
Shaping Life How can I get more eggs?	Moving Around Weight a Moment	What is in Rocks Landslide or Explaining the Rock Cycle
People and the Environment What do predator and Prey populations change?	People and the Environment What do predator and Prey populations change?	People and the Environment What do predator and Prey populations change?
Moving Around Weight a Moment	What is in Rocks Landslide or Explaining the Rock Cycle	Moving Around Weight a Moment
Skills: Throughout the year 8 course students have regular access to the laboratory where regular experiments are carried out covering the three disciplines of Biology, Physics and Chemistry		

Key Stage 3 Science (continued)

Year 9

Science 1	Science 2	Science 3
Variation How Can I Get More Eggs	Earth and Space Cefor - Postcards from Space	Earth and Space Cefor - Postcards from Space
The carbon Cycle Using Chemistry	Variation How Can I Get More Eggs	The carbon Cycle Using Chemistry
Transport of the Future	Transport of the Future	Transport of the Future
Extremes Healthy Lifestyles	Energy	Variation How Can I Get More Eggs
Earth and Space Cefor - Postcards from Space	Extremes Healthy Lifestyles	Energy
Energy	The carbon Cycle Using Chemistry	Extremes Healthy Lifestyles
Interdependance An Oceanic Food web	Sport Explain the Flight of an Aeroplane	The Cost of Your Drink
The Cost of Your Drink	Interdependance An Oceanic Food web	Sport Explain the Flight of an Aeroplane
Sport Explain the Flight of an Aeroplane	The Cost of Your Drink	Interdependance An Oceanic Food web
Revision	Revision	Revision
KS4 Transition Data Analysis/Full Investigation/Case Study - GCSE mark criteria	KS4 Transition Data Analysis/Full Investigation/Case Study - GCSE mark criteria	KS4 Transition Data Analysis/Full Investigation/Case Study - GCSE mark criteria
Skills: Throughout the year 9 course students have regular access to the laboratory where regular experiments are carried out covering the three disciplines of Biology, Physics and Chemistry		