



Year 8 Independent Learning Booklet



Dear Student & Parent,

This booklet gives you an outline of all of the different things that will be taught throughout the whole year.

It also suggests all of the different independent enrichment activities that you can do to enhance your learning outside of school.

These activities range from watching movies and using websites to visiting museums and joining clubs.

These can be fun things to do for all of the family and they provide excellent independent learning opportunities.

This not only enhances learning within school, it is excellent preparation for the type of independent study that you will need to be able to do for exam courses in the future.

Keep this at home for the year and enjoy!

Independent Enrichment Learning Opportunities for ART

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Basic Elements Observational Drawing	<p>Project Brief: <i>Produce a range of drawings in different media from observation.</i></p> <p>Georgia O'Keeffe, colour, abstract, form, shape, scale, organic, line, technique.</p>	<p>Artist study: Georgia O'Keeffe</p>
OCTOBER HALF TERM HOLIDAY			
2	Observational Drawing	<p>Project Brief: <i>Produce a final piece using mixed media from the range of drawing studies completed before half term.</i></p> <p>Georgia O'Keeffe, colour, abstract, form, shape, scale, organic, line, technique.</p>	<p>Artist study: Georgia O'Keeffe.</p>
CHRISTMAS HOLIDAYS			
3	Landscape	<p>Project Brief: <i>Produce a range of drawings and studies of the landscape around them, looking at the architecture of the buildings of Hull.</i></p> <p>Proportion, colour mixing, tone, shade, texture, sketching.</p>	<p>Photographs: Collect a range of photographs from your local environment.</p> <p>Artist Study: Klee</p>
FEBRUARY HALF TERM HOLIDAY			
4	Landscape	<p>Project Brief: <i>Produce a final landscape piece in 2D.</i></p> <p>Proportion, colour mixing, tone, shade, texture, sketching.</p>	<p>Artist Study: Klee</p>
EASTER HOLIDAYS			
5	Art Movements	<p>Project Brief: <i>Create artwork with the theme of transport in a cubist, pointillist and surrealist style.</i></p> <p>Art movements, observational drawing, Salvador Dali, shape and pattern, rendering techniques, refining.</p>	<p>Artist study: http://www.wassilykandinsky.net/</p> <p>Documentary: Life in the Arts- Kandinsky- Abstract art, available on YouTube</p>
MAY HALF TERM HOLIDAY			
6	Art Movements	<p>Project Brief: <i>Create artwork with the theme of transport in a cubist, pointillist and surrealist style.</i></p> <p>Art movements, observational drawing, Salvador Dali, shape and pattern, rendering techniques, refining.</p>	<p>Artist study: http://www.wassilykandinsky.net/</p> <p>Documentary: Life in the Arts- Kandinsky- Abstract art, available on YouTube</p>

Independent Enrichment Learning Opportunities for ENGLISH

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	<u>Reading – Contemporary Drama</u>	Face by Benjamin Zephaniah Our Day Out by Willy Russell	Channel 4 documentary about disfigurement – Katie: My Beautiful Face.
OCTOBER HALF TERM HOLIDAY			
2	<u>Developing Non Fiction Writing 2</u> <i>Writing to advise and inform</i>	<ul style="list-style-type: none"> - Produce texts appropriate to task, reader and purpose - Organise and present whole texts effectively Select appropriate and effective vocabulary	Literacy consolidation: <ul style="list-style-type: none"> • http://www.bbc.co.uk/bitesize/ks3/english/writing/ • http://www.lamlearning.co.uk • The Complete English Grammar <i>(on youtube.com)</i>
CHRISTMAS HOLIDAYS			
3	Reading Fiction (novel selection depends on the class ability)	<ul style="list-style-type: none"> • Stone Cold • Oliver Twist • Lord of the Flies • Holes 	<ul style="list-style-type: none"> • A visit to London – to the places mentioned in the novel: National Art Gallery, Camden Market. • Read any Charles Dickens' books; History – learn about the Industrial Revolution in Britain • Find out some information about the author – William Golding • Read Coral Island by R. M. Ballantyne.
4			
EASTER HOLIDAYS			
5	<u>Poetry from Other Cultures</u>	<ul style="list-style-type: none"> • Not My Business • Night of the Scorpion • Blessing • Island Man • Comparison of poetic techniques 	Learn other cultures and customs: Indian, Pakistani and Caribbean. http://www.bbc.co.uk/schools/gcsebitesize/english/literature/
MAY HALF TERM HOLIDAY			
6	<u>Developing Non-Fiction 3</u> <i>Media and advertising</i>	Introduction to Media Beat the Apprentice Advertising Project	<ul style="list-style-type: none"> • Collect interesting posters and leaflet for specific purposes and audiences. • Collect a range of charity leaflets.

Independent Enrichment Learning Opportunities for FRENCH

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Café and Restaurant	<ol style="list-style-type: none"> Classroom commands Food at the café Food at the restaurant Fruit and Veg at the market Quantities 	<p>Practice the topics on: www.languagesonline.org.uk in the section Français: Unit 9: ex9 to ex14 (<i>Drinks</i>) Unit 3: ex26 to ex33 (<i>Numbers 20-70</i>) Unit 9: ex31 to ex34 (<i>Fruits</i>) Unit 9: ex35 to ex38 (<i>Vegetables</i>)</p> <p>Sign up for the Year 8 Paris Trip to practise your French</p>
OCTOBER HALF TERM HOLIDAY			
2	Food and the Perfect Tense	<ol style="list-style-type: none"> Breakfast food Lunch and Dinner food Opinions on food Yesterday at the restaurant Perfect tense of Manger / Boire / Prendre 	<p>Practice the topics on: www.languagesonline.org.uk in the section Français: Unit 9: ex15 to ex25 (<i>Breakfast and Meals</i>) Unit 9: ex1 to ex8 (<i>Food</i>) Unit 9: ex26 to ex29 (<i>Verbs Manger and Prendre</i>)</p> <p>Watch the "Flight of the Conchords Ep8 Foux Da Fa Fa" Clip on YouTube and spot the food: http://www.youtube.com/watch?v=X5hrUGFhsXo&feature=kp</p>
CHRISTMAS HOLIDAYS			
3	Freetime and Leisure	<ol style="list-style-type: none"> Sports and Opinions Sports you do Past sporting event Hobbies New technologies 	<p>Practice the topics on: www.languagesonline.org.uk in the section Français: Unit 6: ex18 to ex19 (<i>Sports</i>) Unit 10: ex1 to ex7 (<i>Sports with Jouer and Faire</i>) Unit 6: ex20 to ex22 (<i>Leisure</i>) Unit 10: ex12 to ex18 (<i>Leisure</i>) Unit 10: ex19 to ex20 (<i>Faire Present Tense</i>) Unit 9: ex39 to ex47 (<i>Negatives</i>) Grammar Using Negatives Grammar ER Verbs (<i>Present Tense</i>) Grammar The Present Tense</p>
FEBRUARY HALF TERM HOLIDAY			
4	Activities in the Perfect Tense	<ol style="list-style-type: none"> Weather Regular Avoir Perfect Tenses Irregular Avoir Perfect Tenses Etre Perfect tense Writing skills including opinions Last visit to the cinema 	<p>Practice the topics on: www.languagesonline.org.uk in the section Français: Unit 6: ex1 to ex14 (<i>Weather and Seasons</i>) Grammar The Perfect Tense for Beginners Grammar The Perfect Tense Grammar The Perfect Tense 2</p> <p>Watch the "Avoir Song" on YouTube: http://www.youtube.com/watch?v=hQNqtaCbjDk</p>
EASTER HOLIDAYS			
5	Holidays	<ol style="list-style-type: none"> Countries and Aller Where you stay Transport Last Holiday 	<p>Pupils are starting their FCSE qualification on Unit 3 Holidays and might need some help revising for the exams.</p> <p>Practice the topics on: www.languagesonline.org.uk in the section Français: Unit 2: ex3 to ex5 (<i>Countries</i>) Unit 7: ex22 to ex23 (<i>Verb Aller</i>) Encore Tricolore 2 - Les Transports (<i>Transports</i>)</p> <p>Watch the "Aller Song" on YouTube: http://www.youtube.com/watch?v=y47eSILSxa0</p>
MAY HALF TERM HOLIDAY			
6	Holiday Activities	<ol style="list-style-type: none"> Holidays Activities with FAIRE Holiday Activities Future Holidays Past Holiday Activities Weather in the Past Tense 	<p>Pupils are continuing their FCSE qualification on Unit 3 Holidays and might need some help revising for the exams.</p> <p>Practice the topics on: www.languagesonline.org.uk in the section Français: Grammar ER Verbs (<i>Present Tense</i>) / The Present Tense / The Perfect Tense for Beginners / The Perfect Tense / The Perfect Tense 2</p>

Independent Enrichment Learning Opportunities for GEOGRAPHY

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Rivers	The water cycle; how water reaches a river; features of a river; erosion, deposition and transportation; river landforms including v-shaped valleys, meanders, oxbow lakes and waterfalls; human use of rivers.	Take a walk along the River Hull and the Humber; write a story about a molecule called "Molly" as she goes round the water cycle; make a 3D model of a waterfall and gorge; keep a diary of how much water you use in a day; research where we get our drinking water from in Hull. Make a PowerPoint presentation to show the class.
OCTOBER HALF TERM HOLIDAY			
2	Flooding	What are floods and what causes them; how do humans increase the risk of flooding; which organisations help us before, during and after floods; flooding is likely to increase in the UK; how can we protect ourselves and our homes in the future; how can we protect our towns and cities from future flooding events.	Design a poster to show what people should do in the event of a flood; visit the Hull Tidal Barrier; walk along the River Hull and Humber and study the river defences; Is your home at risk? – Check out the environment agency website; design a house to cope with floods; research the flooding in Hull in 2007 – interview and film someone who was affected by the flood.
CHRISTMAS HOLIDAYS			
3	Glaciation	Ice Age! Glaciers: What and where? Glaciers at work Glacial landforms: Corries, U-Shaped valleys and erratic's Glaciation on a map Glaciation and us - landscapes	Research what types of animals roamed the UK during the last Ice Age. Make a PowerPoint to present to the class. Research the "Little Ice Age" that caused the River Thames to freeze over. Who discovered Antarctica? Otzi the Iceman. Who is he and where is he now? Make your own models of glacial features. Take pictures and animate them. Write a poem or sad song about an erratic! Plan a holiday in the Lake District. What will you go and visit and why?
FEBRUARY HALF TERM HOLIDAY			
4	Urbanisation	What are urban and rural areas? What was the industrial revolution? How did it lead to urbanisation? What is the pattern of urbanisation around the world? What are the benefits and problems of living in urban areas? What are slums?	Urbanisation http://www.youtube.com/watch?v=kZgm8f8K_w0 Life in the slums http://www.youtube.com/watch?v=lm0tHRs9Bng Abu Dhabi http://www.youtube.com/watch?v=IT8x5wa04F0
EASTER HOLIDAYS			
5	Globalisation	Our shrinking world Why go global? Human cost of Globalisation Case Study: Nike Fair trade	Upside of Globalisation https://www.youtube.com/watch?v=5SnR-e0S6lc Downside of globalisation https://www.youtube.com/watch?v=s_iwrt7D5OA Sweatshops https://www.youtube.com/watch?v=M5uYCWVfuPQ Fairtrade https://www.youtube.com/watch?v=NZpUwCfInh8&list=PL07F6DD83C6F236AE
MAY HALF TERM HOLIDAY			
6	Coasts	What causes waves? How do waves shape the land? Coastal landforms. What is a storm surge? Why is our coastline eroding so quickly? How can we manage our coastline?	Coastal processes http://www.youtube.com/watch?v=ZWEJq03NBao Coastal flooding http://www.youtube.com/watch?v=EixgnpVNjJQ Coastal protection in Holland http://www.youtube.com/watch?v=0goYcQs7NdY Rising sea levels http://www.youtube.com/watch?v=baGrtgyWSRM

Independent Enrichment Learning Opportunities for HISTORY

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	The Trans-Atlantic Slave Trade	Reasons for slavery, West African culture and society, The Middle Passage, The Trade Triangle, Slave Auctions, Life on a Plantation, The Abolition of the Slave Trade: William Wilberforce, Thomas Clarkson, Haiti Rebellion, Economic Pressures.	Visit: Wilberforce House on High Street in Hull Watch: The film 'Amazing Grace' Website: www.slavevoyages.org information about thousands of slave voyages. Website: http://www.liverpoolmuseums.org.uk/ism/slavery/ has good links to further information.
OCTOBER HALF TERM HOLIDAY			
2	The Holocaust	Explaining Nazi attitudes and policies towards Jews, Context of WW2, history of anti-Semitism in Europe, origins of German Anti-Semitism, Measures taken against Jews, Krystallnacht, Einsatzgruppen, The Final Solution.	Visit: The National Holocaust Centre, Newark, Nottinghamshire Read: The book 'Once', by Morris Gleitzman Watch: The film 'the boy in the striped pyjamas' Website: http://www.hmd.org.uk/genocides/holocaust
CHRISTMAS HOLIDAYS			
3	Tudors and the English reformation	Interpretations of Henry VIII, Martin Luther and the reformation, Henry's divorce from Anne Boleyn and interpretations of Anne, The Dissolution of the Monasteries, Role of Henry's advisors, the Catholic and Protestant rule of Mary and Elizabeth	Read: the book 'the Terrible Tudors', part of the Horrible Histories series. Watch: the film 'A Man for all Seasons'. Henry VII – TV series (ITV) Watch the film : 'Anne of a Thousand Days'
FEBRUARY HALF TERM HOLIDAY			
4	The English Civil War	Causes of the civil war, nature of warfare, New Model Army, Interpretations of Cromwell, Role of Hull in the Civil War, Trial and Execution of Charles I, Cromwell as Lord Protector, The Restoration.	Visit: The Royal Armouries, Leeds for weapons of the civil war Visit: The English Civil War Museum, Newark, Nottinghamshire. Watch: the film 'Cromwell' Watch: the film 'To Kill a King' Read: the book 'The Slimy Stuarts', part of the Horrible Histories series.
EASTER HOLIDAYS			
5	The British Empire	What is an empire, Case study of Africa, Case study of India, How were Empires Made? Nature of Rule, Rebellions and Resistance, Independence from empire.	Read: the book 'The Barmy British Empire', part of the Horrible Histories series Watch: the film 'Gandhi' Watch: the film 'Zulu Dawn'
MAY HALF TERM HOLIDAY			
6	Hull during the industrial revolution	Overview of the Industrial Revolution, The Development of Hull, The Merchants of Hull, The High Street and the Haven, New Dock Developments, Georgian Architecture, Physical Evidence of Docks in Hull.	Read: the book 'The Gorgeous Georgians', part of the horrible histories series. Visit: 'Maister's House' on the High Street Hull. Visit: 'The Maritime Museum' Google: 'Well I Never Knew That - Guided History Walks in the Old Town'.

Independent Enrichment Learning Opportunities for COMPUTING

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Environmental tourists	Create Excel charts with trend lines, data logging, web query, Google Earth, plan a presentation. Create presentation: images, text, colour, take account of purpose and audience.	Find out about ecological impact of tourism, links to Geography. Find out about recycling.
OCTOBER HALF TERM HOLIDAY			
2	Band Wagon	Plan web site and page layout; create a 4 page website using information provided. Using Dreamweaver software to produce the web site and web pages. Table structure to hold all the information on the web page	Can research and find info for their band. Can teach themselves HTML code using online course: http://o2learn.decoded.co/html-css/lesson/0
	Computer Hardware	Plan and create a website about computer hardware. Research Input, Output and Storage devices, along with parts of the Processing Unit. Give details of cost, specification, etc.	Can find out about the components and features of computers from shops, magazines, internet, etc.
CHRISTMAS HOLIDAYS			
3	The information superhighway	Internet search and URLs. Searching the internet for information efficiently. Context of Animal Testing and Third World Debt. Produce a presentation on one of these topics.	Finding info on internet requires internet access. Can use Central Library if don't have internet at home.
FEBRUARY HALF TERM HOLIDAY			
4	Band Manager	Financial management in Excel spreadsheet. Financial modelling, rules, variables, profit, loss, what if.., goal seek, VAT, Revenue, costs.	This website: http://excelfinancialmodelling.com/ has videos and info about doing home finance.
EASTER HOLIDAYS			
5	Introduction to Python	Introduction to Python programming language.	Python is free software and can be downloaded at home
	Game Maker game design	Create "Click the Fruit" game using Game Maker 8 software.	Game Maker 8 software is free to download and use.
MAY HALF TERM HOLIDAY			
6	Game Maker game design	Create "Galactic Mail" games using Game Maker 8 software.	Game Maker 8 software is free to download and use.
	App Inventor	Creating Android Apps for tablets and mobile phones using MIT App Inventor 2. PaintPot, Magic 8 Ball, Mole Mash are some of the Apps that will be made.	Software is free and can be downloaded. Search for App Inventor 2 on internet. Will need a Google Email account, though.

Independent Enrichment Learning Opportunities for MATHS STAGE 7

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Numbers and the number system	Solve problems using primes Highest common factor and lowest common multiple problems Powers and Roots	http://nrich.maths.org/8149
	Counting and comparing	Compare and Order Numbers	http://nrich.maths.org/110587
OCTOBER HALF TERM HOLIDAY			
2	Calculating	Understanding place value Written methods of calculation Calculate with decimal using all four operators	http://nrich.maths.org/605
	Visualising and constructing	Interpreting and applying Geometrical conventions and notation	http://nrich.maths.org/5920
	Investigating properties of shapes	Properties of 3D shapes Explore triangles and quadrilaterals	http://nrich.maths.org/2924
CHRISTMAS HOLIDAYS			
3	Algebraic proficiency: tinkering	Understand vocabulary and notation of algebra Manipulate algebraic expressions Explore functions	http://nrich.maths.org/2289
	Exploring fractions, decimals and percentages	Using improper (top-heavy) fractions Explore links between fractions and percentages	http://nrich.maths.org/4345
	Proportional reasoning	Using ratio notation Solve problems that involve dividing into a ratio	http://nrich.maths.org/6870
FEBRUARY HALF TERM HOLIDAY			
4	Pattern sniffing	Explore number sequence	http://nrich.maths.org/7529
	Measuring space	Measuring accurately Convert between measures Solve problems involving measurements	http://nrich.maths.org/5608
	Investigating angles	Using correct angle vocabulary and notation Investigating different types of angles	http://nrich.maths.org/6265
EASTER HOLIDAYS			
5	Calculating fractions, decimals and percentages	Using all four operators with mixed numbers Identifying multipliers for percentage change	http://nrich.maths.org/1118
	Solving equations and inequalities	Solving two and three step equations using different methods	http://nrich.maths.org/6199
	Calculating space	Develop knowledge of area, surface area and volume	http://nrich.maths.org/6398
MAY HALF TERM HOLIDAY			
6	Checking, approximating and estimating	Explore ways of approximating numbers and checking answers	
	Mathematical movement	Transformations, Lines on the coordinate grid	http://nrich.maths.org/5457
	Presentation of data	Construct and interpret graphs	http://nrich.maths.org/10464
	Measuring data	Investigating averages, summarising data	http://nrich.maths.org/9601
	Assessment	Year 8 End of year Test	Mymaths revision packs

Independent Enrichment Learning Opportunities for MATHS STAGE 8

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Numbers and the numbers system	Use prime factor factorisation Standard form	http://nrich.maths.org/1308
	Calculating	Calculating negative numbers Correct order of operations	http://nrich.maths.org/9919
OCTOBER HALF TERM HOLIDAY			
2	Visualising and constructing	Enlargement of 2D shapes, scale drawings, interpret bearings	http://nrich.maths.org/5461
	Understanding risk I	Explore experiments and outcomes, develop understanding of probability	http://nrich.maths.org/6717
	Algebraic proficiency: tinkering	Understand notation of algebra, manipulate algebraic expressions, evaluate algebraic statements	http://nrich.maths.org/5608
CHRISTMAS HOLIDAYS			
3	Exploring fractions, decimals and percentages	Explore links between fractions, decimals and percentages	http://nrich.maths.org/1249
	Proportional reasoning	Explore uses of ratio, connections between ratio and proportion, solve problems involving proportional reasoning and compound units	http://nrich.maths.org/1372
	Pattern sniffing	Explore sequences	http://nrich.maths.org/2338
FEBRUARY HALF TERM HOLIDAY			
4	Investigating angles	Explore geometrical situations involving parallel lines	http://nrich.maths.org/712
	Calculating fractions, decimals and percentages	Identifying multipliers for percentage increase and decrease	http://nrich.maths.org/5704
	Solving equations and inequalities	Linear equations with unknown on one and both sides, connections between graphs and equations	http://nrich.maths.org/1170
EASTER HOLIDAYS			
5	Calculating space	Investigate circles, discover Pi, prisms and cylinders, solve problems involving circles	http://nrich.maths.org/809
	Algebraic proficiency: visualising	Plot linear and quadratic graphs, model real situations using linear graphs	http://nrich.maths.org/7454
MAY HALF TERM HOLIDAY			
6	Understanding risk II	Explore experiments and outcomes, use probability to make predictions	http://nrich.maths.org/9843
	Presentation of data	Explore types of data, select and construct appropriate graphs	http://nrich.maths.org/5933
	Measuring data	Investigate averages, ways of summarising and analysing data	http://nrich.maths.org/10999
	Assessment	End of year 8 test	MyMaths revision packs

Independent Enrichment Learning Opportunities for MUSIC

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <small>(e.g.: films, websites, books, museums and activity centres)</small>
1	<u>Caribbean Music</u>	<ul style="list-style-type: none"> • Reggae Origins • Offbeat rhythms – syncopation • Bob Marley • Ska, Mento and other Caribbean Music 	Google Maps www.youtube.com http://www.bbc.co.uk/schools/gcsebitesize/music/world_music/music_caribbean6.shtml
OCTOBER HALF TERM HOLIDAY			
2	<u>Form and structure 1</u>	<ul style="list-style-type: none"> • The classical Period • Compose in Binary and Ternary Form • Mozart and Beethoven • Notes on a Stave 	www.youtube.com Film – “Amadeus” Visit Mozart’s Museum/home in Austria!
CHRISTMAS HOLIDAYS			
3	<u>Form and structure 2</u>	<ul style="list-style-type: none"> • The classical Period • Compose in Binary and Ternary Form • Mozart and Beethoven • Notes on a Stave 	www.Musictechteacher.com www.bbc.co.uk/bitesize.co.uk http://www.musictheory.net/
FEBRUARY HALF TERM HOLIDAY			
4	<u>Sibelius</u>	<ul style="list-style-type: none"> • Music Technology – getting familiar with new software 	Students can access Sibelius across the school on any computer.
EASTER HOLIDAYS			
5	<u>Samba</u>	<ul style="list-style-type: none"> • Structure Samba Music • Samba • Where does Samba come from? 	Google Maps Film – <i>Rio</i> www.YouTube.com - any samba band clips http://www.greatbrazilianmusic.com/samba.html http://www.bbc.co.uk/learningzone/clips/samba-music/5306.html
MAY HALF TERM HOLIDAY			
6	<u>Jazz</u>	<ul style="list-style-type: none"> • Jazz origins and development • 12 bar blues 	www.youtube.com http://www.bbc.co.uk/schools/gcsebitesize/music/popular_music/jazz1.shtml

Independent Enrichment Learning Opportunities for PE

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Basketball	Passing, set shot, lay-up, dribbling	Join a team, watch TV games
	Football	Passing, shooting, control, movement	IPlayer MOTD, Join a team, lunchtime club. After school club
OCTOBER HALF TERM HOLIDAY			
2	Badminton	Overhead clear, smash, drop shot, forehand and backhand grips and rallies	Lunchtime club, After school club watch TV games on Sky.
	Rugby Union	Rucking, passing, tackling	Join a team, Watch TV games
CHRISTMAS HOLIDAYS			
3	Volleyball	Set, dig, spike, anticipation and preparation	Join a team, lunchtime club. After school club
	Rugby Union	Rucking, passing, tackling	Join a team watch TV games
FEBRUARY HALF TERM HOLIDAY			
4	Boxing	Shadow Boxing, stance, footwork, straight punches, hooks head movement	You tube, join a club, running for fitness
	Football	Dribbling, two touch football, passes	IPlayer MOTD, Join a team, lunchtime club. After school club
EASTER HOLIDAYS			
5	Athletics	Fundamentals throws jumps and runs	Join a club, you tube, technical models
	Athletics	Fundamentals of throws, jumps and runs	Join a club, you tube technical models
MAY HALF TERM HOLIDAY			
6	Handball	Passing shooting defending the D	You tube videos
	Tennis	Forehand, backhand, top spin slice	Join a club, watch videos of technical models

Independent Enrichment Learning Opportunities for RELIGIOUS STUDIES

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Islam	<ul style="list-style-type: none"> - Allah Mohammad and the Quran -The 5 Pillars of Islam -Eid Ul Fitr -The Ummah 	http://www.bbc.co.uk/learningzone/clips/what-does-it-mean-to-be-a-muslim/3031.html http://www.bbc.co.uk/religion/religions/islam/practices/fivepillars.shtml
OCTOBER HALF TERM HOLIDAY			
2	Islam	<ul style="list-style-type: none"> -The Mosque -Drugs and Alcohol Modesty 	http://www.bbc.co.uk/religion/religions/islam/prayer/mosque.shtml https://www.truetube.co.uk/film/holy-cribs-mosque
CHRISTMAS HOLIDAYS			
3	Jesus	<ul style="list-style-type: none"> -Jesus and mission -Discipleship -Temptation -Parables -Miracles -The Last Supper 	http://www.bbc.co.uk/religion/religions/christianity/history/miraclesofjesus_1.shtml http://www.bbc.co.uk/learningzone/clips/the-last-supper/4444.html
FEBRUARY HALF TERM HOLIDAY			
4	Jesus	<ul style="list-style-type: none"> -Arrest and Trial -Crucifixion -Resurrection 	http://www.educationquizzes.com/ks3/religious-education/christianity---easter/
EASTER HOLIDAYS			
5	Judaism	<ul style="list-style-type: none"> -What is at the heart of Judaism? -Holocaust -Passover 	http://www.bbc.co.uk/religion/religions/judaism/
MAY HALF TERM HOLIDAY			
6	Looking at Living	<ul style="list-style-type: none"> -Morality -Moral Codes -Lying -Smoking -The Internet and Social Networks 	http://encyclopedia.kids.net.au/page/mo/Moral_code http://www.bbc.co.uk/schools/gcsebitesize/rs/sanctity/chorbationrev1.shtml

Independent Enrichment Learning Opportunities for SCIENCE

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Particles	Simple atomic model. Differences between atoms, elements and compounds. Chemical symbols and formulae for elements and compounds. Solutions and separation.	http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/atoms_elements/revision/3/ http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/atoms_elements/activity/
	Chemical and Physical Changes	Practical investigations into the differences between chemical and physical changes.	http://www.bbc.co.uk/schools/scienceclips/ages/10_11/rev_irrev_changes.shtml
OCTOBER HALF TERM HOLIDAY			
2	Chemical and Physical Changes	Practical investigations into the differences between chemical and physical changes.	http://www.bbc.co.uk/schools/scienceclips/ages/10_11/rev_irrev_changes.shtml
	Cellular Respiration and Gas Exchange	Aerobic respiration in living organisms. Breakdown of organic molecules during chemical processes. Diffusion of gases. Structure and function of breathing system in humans.	http://www.bbc.co.uk/bitesize/ks3/science/chemical_material_behaviour/behaviour_of_matter/revision/4/
CHRISTMAS HOLIDAYS			
3	Photosynthesis	Mechanism of photosynthesis including word equation. Raw materials and where they are found. Dependence on photosynthesis of all life on Earth.	http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/food_chains/revision/2/
FEBRUARY HALF TERM HOLIDAY			
4	Recycling, the Carbon Cycle and Global Warming	Earth as a source of limited resources. Efficacy of recycling. The Carbon Cycle. Gases involved in global warming.	http://www.bbc.co.uk/bitesize/ks3/science/environment_earth_universe/changes_in_environment/revision/6/
EASTER HOLIDAYS			
	Non-contact Forces	Gravity and its effect on Earth and other planets. Effect of gravity in maintaining positions of planets.	http://www.bbc.co.uk/bitesize/ks3/science/energy_electricity_forces/forces/revision/3/
5	Skeletal and Muscular Systems	Structure and functions of the human skeleton, to include: support, protection, movement and making blood cells. Antagonistic muscles.	http://www.bbc.co.uk/learningzone/clips/the-skeleton-and-movement/4191.html
MAY HALF TERM HOLIDAY			
6	Light	Comparison of light waves with other wave-types. Transmission of light waves through a vacuum and also through materials. Colour. The Human eye.	http://www.bbc.co.uk/learningzone/clips/coloured-light-filters/244.html

Independent Enrichment Learning Opportunities for TECHNOLOGY

Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(e.g.: films, websites, books, museums and activity centres)</i>
1	Photoshop and Illustrator Software (Graphics)	Students will learn how to use Adobe Illustrator and Photoshop software by completing various design tasks.	Extension: Students could practise their skills independently either at home, in the learning resource centre or by attending Graphics Club on a Wednesday after school.
OCTOBER HALF TERM HOLIDAY			
2	Photoshop and Illustrator Software (Graphics)	Students will learn how to use Adobe Illustrator and Photoshop software by completing various design tasks.	Extension: Students could practise their skills independently either at home, in the learning resource centre or by attending Graphics Club on a Wednesday after school.
CHRISTMAS HOLIDAYS			
3	Trebuchet (Resistant Materials)	Project Brief: <i>Working in pairs, design and make a siege weapon that is able to perform a variety of tasks.</i> Writing a design specification, levers, workshop tools, wood joints, vacuum forming, technical drawings, applying rendering techniques to drawings.	Visit: 'The Fire Power Artillery Museum' to explore the history of siege weaponry (Royal Arsenal, Woolwich, South East London). Film: 'The Lord of the Rings Trilogy'- a source of inspiration for design ideas.
FEBRUARY HALF TERM HOLIDAY			
4	Trebuchet (Resistant Materials)	Project Brief: <i>Working in pairs, design and make a siege weapon that is able to perform a variety of tasks.</i> Writing a design specification, levers, workshop tools, wood joints, vacuum forming, technical drawings, applying rendering techniques to drawings.	Visit: 'The Fire Power Artillery Museum' to explore the history of siege weaponry (Royal Arsenal, Woolwich, South East London). Film: 'The Lord of the Rings Trilogy'- a source of inspiration for design ideas.
EASTER HOLIDAYS			
5	Guitar (Electronics)	Project Brief: <i>Design and make an electronic guitar.</i> Electronic components, soldering, circuit wizard software, shaping wood using workshop tools, applying finishes to wood.	BBC Bitesize Revision: http://www.bbc.co.uk/schools/gcsebitesize/design/electronics/componentsrev1.shtml Website containing Circuit Wizard tutorials: http://www.new-wave-concepts.com/ed/cw_tutor.html
MAY HALF TERM HOLIDAY			
6	Guitar (Electronics)	Project Brief: <i>Design and make an electronic guitar.</i> Electronic components, soldering, circuit wizard software, shaping wood using workshop tools, applying finishes to wood.	BBC Bitesize Revision: http://www.bbc.co.uk/schools/gcsebitesize/design/electronics/componentsrev1.shtml Website containing Circuit Wizard tutorials: http://www.new-wave-concepts.com/ed/cw_tutor.html