



CURRICULUM OUTLINES

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This booklet is aimed at helping you understand what you will be taught in Year 7. It contains information about websites with supporting information, suggestions on places to visit and further reading and research you may like to do.

In this section ...

- Art and Design
- Business and ICT
- Design Technology
- Drama
- English
- History
- Geography
- Mathematics
- MFL
- Music
- Physical Education
- Philosophy, Religion & Ethics (PRE)
- Science

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Art & Design

	Autumn Term	Spring Term	Summer Term
Key topics	Colour Theory & Abstraction	Drawing & Cubism	Impressionism & Collaboration
Helpful websites	<p>http://www.incredibleart.org/lessons/middle/color2.htm</p> <p>http://www.bbc.co.uk/timelines/zp7bgkz</p> <p>http://arthistory.about.com/</p> <p>http://www.abstractartist.com/</p> <p>www.youtube.com</p> <p>www.nationalgallery.org.uk</p> <p>http://the-artists.org/</p> <p>http://www.artcyclopedia.com/</p> <p>http://www.tate.org.uk/</p> <p>http://www.abstract-art-framed.com/abstract-art.html</p>	<p>http://arthistory.about.com/</p> <p>www.youtube.com</p> <p>www.nationalgallery.org.uk</p> <p>http://the-artists.org/</p> <p>http://www.artcyclopedia.com/</p> <p>http://www.tate.org.uk/</p> <p>http://www.artmovements.co.uk/cubism.htm</p> <p>http://www.abstract-art-framed.com/cubism.html</p>	<p>www.nationalgallery.org.uk</p> <p>http://www.artmovements.co.uk/impressionism.htm</p> <p>http://www.impressionism.org/</p> <p>http://the-artists.org/</p> <p>http://www.artcyclopedia.com/</p> <p>http://www.tate.org.uk/</p>
What sort of homework to expect	One piece every fortnight based on a one lesson a week timetable. A BIG Homework project set during the second half term.	A BIG Homework project which includes a number of tasks. Homework then set every fortnight based on a one lesson a week timetable.	A BIG Homework project which includes a number of tasks. Homework then set every fortnight based on a one lesson a week timetable.
Helpful places to visit to support your learning	Local galleries Major city galleries Yorkshire Sculpture Park	Local galleries Major city galleries Yorkshire Sculpture Park	Local galleries Major city galleries Stately homes & National Trust properties
Useful websites to use	As above	As above	As above

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Business and ICT

	Autumn Term	Spring Term	Summer Term
Key topics	Office365 and E-Safety	The Duke of York—Inspiring Digital Enterprise Award https://idea.org.uk/	Programming
Helpful websites	https://support.office.com/ http://www.saferinternet.org.uk/ https://www.thinkuknow.co.uk/ http://www.kidsmart.org.uk/ http://www.childnet.com/		https://hourofcode.com/uk https://scratch.mit.edu/explore/projects/tutorials/
What sort of homework to expect	Students will be encouraged to continue to develop their skills in the chosen applications to build on the foundations laid in class.		
Helpful places to visit to support your learning	Bletchley Park http://www.bletchleypark.org.uk/ The National Videogame Arcade, Sheffield http://gamecity.org/		

Suggested reading list to support your learning and progress: Book Title	Author
Office 365 For Dummies	Rosemarie Withee
Internet Safety for Kids and Young Adults	Jeff Sechler
Scratch Programming in Easy Steps	Sean McManus
DK Workbooks: Coding in Scratch: Games Workbook	Jon Woodcock
Coding Games in Scratch	Jon Woodcock

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Design & Technology

	Autumn Term	Spring Term	Summer Term
Key topics	<p>All students will complete an experience of all material areas including Product Design, Textiles and Food technology.</p> <p>Students will stay with their teacher throughout the year and rotate around the specialist work areas.</p> <p>Students will have 2 lessons a week, in lesson one they will learn vital theory about the core fundamentals of each area that will support a knowledge into GCSE pathways. In students second lesson they will be completing an open design challenge allowing them to experience a range of skills required not only for Design and Technology but life skills in research, investigation and problem solving. In the Food technology rotation students second lesson will be practical completing a range of cooks.</p>		
Helpful websites	<p>www.technologystudent.com</p> <p>www.bbcgoodfood.com</p> <p>www.mr-dt.com</p> <p>www.foodfactoflife.org.uk</p>		
What sort of homework to expect	Big Homework – Designer inspired research and design portfolio	Regular homework to support learning in the classroom or research based to support portfolio work.	Regular homework to support learning in the classroom or research based to support portfolio work.
Helpful places to visit to support your learning	Ikea, The Design Museum, NTU degree show, B&Q (awareness of materials), Green grocers, food retailers.		
Useful websites to use	As Above		
Suggested reading list to support your learning and progress: Book Title	Author		
The Design of Everyday Things	Donald A. Norman		
Design	DK Publishing		
A wide range of cook books (focus healthy eating)			

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Drama

	Autumn Term	Spring Term	Summer Term
Key topics	Learning key drama terms/ Physical Theatre/ Melodrama/ Pantomime	Exploring Key drama strategies/ The skills for acting/ Characterisation	Understanding scripts/ Exploring staging/ Impact of staging, sound and lighting.
Helpful websites	'Melodrama- Beyond the Boos and Hisses'. https://www.youtube.com/watch?v=89wis6V86gs	'BBC Bite size – Drama' section on 'Explorative Strategies'. http://www.bbc.co.uk/schools/gcsebitesize/drama/drama_wjec/devisedperformance/taskone11.shtml	Hertfordshire Theatre Performance of 'Ernie's Incredible Illucinations' https://www.youtube.com/watch?v=Rod6_YVVOIU
What sort of homework to expect	Pupils will complete creative written tasks in a homework booklet and the work here will build upon the practical learning within the classroom.	Pupils will complete creative written tasks in a homework booklet and the work here will build upon the practical learning within the classroom.	Pupils will complete creative written tasks in a homework booklet and the work here will build upon the practical learning within the classroom.
Helpful places to visit to support your learning	Any Christmas pantomime	Any Live theatre performance	Any Live theatre performance, although something that is specifically aimed at a younger audience would be preferential.
Useful websites to use	Polka Theatre http://www.polkatheatre.com/index.php	http://www.bbc.co.uk/schools/gcsebitesize/drama/drama_wjec/devisedperformance/taskone11.shtml	National Theatre Website https://www.nationaltheatre.org.uk/

Suggested reading list to support your learning and progress:	Book	Author
Title		
Ernie's Incredible Illucinations		Alan Ayckbourn
The 7 Simple Truths of Acting for the Teen Actor		Larry Silverberg

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English

	Autumn Term	Spring Term	Summer Term
Key topics	Shakespeare's Best Bits Themed Unit—Gothic	War Poetry Short Stories	Novel
What sort of homework to expect	Each half term students will be provided with a knowledge organiser. This booklet will contain a weekly homework task based upon memory and retrieval, with students completing a revision exercise from the knowledge organiser before completing a weekly quiz in their English lessons to test their knowledge.	National Civil War Centre - Newark Museum Wollaton Hall Nottingham Central Library	Newstead Abbey Wollaton Hall Lincoln Cathedral Highfields Park, Nottingham Nottingham Playhouse Nottingham Central Library
Helpful places to visit to support your learning	The Nottingham Castle The Galleries of Justice Nottingham Playhouse Nottingham Central Library Stratford Upon Avon Nottingham Playhouse		
Useful websites to use	<p>KS3 Revision: http://www.bbc.co.uk/education/subjects/z3kw2hv</p> <p>KS3 English Quizzes: http://www.educationquizzes.com/ks3/english/</p> <p>Key notes on texts studied: http://www.sparknotes.com/</p> <p>Punctuation and Grammar Revision: http://www.bbc.co.uk/bitesize/ks2/english/spelling_grammar/</p> <p>Creative Writing Practice: http://storybird.com/</p> <p>Free Classic Books: http://litfy.com/</p> <p>Reading Practice: http://www.staples.com/sbd/cre/marketing/technology-research-centers/ereaders/speed-reader/index.html</p> <p>Grammar Revision: http://www.chompchomp.com/menu.htm</p> <p>Free Audio Books: http://www.famousauthors.org/</p>		

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English

Suggested reading list to support your learning and progress: Book Title	Author
Oliver Twist (an orphan boy falls in with a gang of pickpockets in London).	Charles Dickens
Pride and Prejudice (the Bennett girls go looking for the right men to marry in this witty depiction of how people generally behave).	Jane Austin
Treasure Island (pirates, a parrot, buried treasure) Kidnapped (an adventure set in the time of the Jacobite revolts in Scotland).	Robert Louis Stevenson
An old classic American book is Little Women which tells the emotional tale of a group of sisters.	Louisa M Alcott
Goodnight Mr Tom is an involving, emotional book about a boy who is evacuated to the country in the Second World War.	Michelle Magorian

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Geography

	Autumn Term	Spring Term	Summer Term
Key topics	Geographical skills	Weather and Climate	Settlements and Geography of the UK
Helpful websites	<p>BBC Bitesize KS3 Geography http://www.bbc.co.uk/education/subjects/zrw76sg</p> <p>Ordnance Survey Mapzone https://www.ordnancesurvey.co.uk/education-research/maps-for-schools/mapzone.html</p> <p>National Geographic for Kids http://www.ngkids.co.uk/</p> <p>The Met Office http://www.metoffice.gov.uk/learning/weather-for-kids</p> <p>Nottingham http://www.experiencenottinghamshire.com/</p> <p>Geology Rocks etc. http://www.onegeology.org/extra/kids/earthprocesses/coasts.html</p> <p>Tourism http://www.visitengland.com/</p>		

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Geography

<p>Helpful places to visit to support your learning</p>	<p>Geography really is there EVERYWHERE you go!</p> <p>You can make any and every trip educational and fun by asking as many questions as you can, for instance; why is it here? How far is it? Why did they build that there? What was here before? Is this a natural environment, or an artificial one?</p> <p>Get a road map and use it, don't just rely on the SATNAV, take an interest in where you're going and all the places you pass along the way.</p> <p>Practice reading a map, draw a sketch map, take photographs of geographical features (rivers, hills, mountains, beaches, woods etc) and make a scrapbook.</p> <p>Collect pebbles and shells and soil and sand from everywhere you go, see the differences and similarities.</p> <p>Buy a postcard of some scenery and label it to show what features you can see.</p> <p>Go for a walk in the countryside, or a park.</p> <p>Walk from home into town and notice how the buildings change.</p> <p>Visit a zoo or wildlife park and pay attention to where different animals come from in the world. Look at tropical plants in botanical gardens, garden centres and even at the supermarket. Look at tropical fruits and vegetables and pay attention to where this food is grown. Watch nature documentaries.</p> <p>Take a day trip to the coast, any British seaside or somewhere abroad if you are on holiday. Look at the beach, is it sandy or pebbles? How do the waves move? What do the cliffs look like? Remember to take great care by the sea and cliffs!</p> <p>Visit places small and large, look at historic buildings within Nottingham, especially Nottingham Castle, The Trip to Jerusalem, Brewhouse Yard, City Caves, the Lace Market, the Council House. Look above the shop fronts and talk about what you can see. Collect free street maps from places you visit, use your imagination to create fantasy maps and settlements.</p>
<p>Suggested reading list to support your learning and progress: Book Title</p> <p>Any OS map and/or atlas</p> <p>Look at road atlases, street plans, Google maps and any free maps or plans given away in tourist destinations</p> <p>The Horrible Geography Series</p> <p>How the World Works</p> <p>How the World Began</p> <p>How the Weather Works</p>	<p>Author</p> <p>Anita Ganeri</p> <p>Christiane Dorion and Beverley Young</p> <p>Christiane Dorion and Beverley Young</p> <p>Christiane Dorion and Beverley Young</p>

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History

	Autumn Term	Spring Term	Summer Term
Key topics	Medieval Times 1066-1500	Tudors and Stuarts	From slavery to freedom
Helpful websites	<p>BBC Bitesize: http://www.bbc.co.uk/education/subjects/zk26n39</p> <p>School History: https://schoolhistory.co.uk/</p> <p>The British Museum: http://www.britishmuseum.org/</p> <p>Channel 4 Learning: http://www.channel4learning.com/sites/essentials/history/</p>	As term 1	As term 1
Helpful places to visit to support your learning	<p>Visit any local castle: Nottingham, Bolsover, Lincoln or Newark. You could compare and contrast key features</p> <p>Visit a local church. A Cathedral such as Lincoln would make an excellent day out. You could combine this with a visit to the castle</p>	<p>Hardwick Hall in Derbyshire to see how the Elizabethans lived. There is an Old Hall run by English Heritage and a New Hall run by The National Trust.</p> <p>A visit to London is appropriate here to see how it was rebuilt after the Great Fire in 1666. St. Paul's Cathedral is the ideal site to see. You could start preparing for the next topic with a visit to the Docklands Museum at the same time.</p>	<p>The Museum of Docklands in London has an excellent exhibition on the slave trade as does the International Slavery Museum in Liverpool.</p>

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History

Suggested reading list to support your learning and progress: Book Title	Author
The Black Arrow	Robert Louis Stevenson
Horrible Histories: The Measly Middle Ages	Terry Deary
The Door in the Wall	Marguerite di Angeli
The Young Elizabeth	Jean Plaidy
Horrible Histories: The Terrible Tudors	Terry Deary
Horrible Histories: The Slimy Stuarts	Terry Deary
Horrible Histories: The Crazy Caribbean	Terry Deary
Horrible Histories: The Barmy British Empire	Terry Deary
The Adventures of Huckleberry Finn	Mark Twain
The Glory Field	Walter Dean Myers

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Mathematics

	Autumn Term	Spring Term	Summer Term
Key topics	<p>First 300 minutes</p> <p><u>Analysing and Displaying Data</u></p> <ul style="list-style-type: none"> - Tables & Pictograms, Bar Charts, Grouped Data, Averages, <p><u>Number Skills</u></p> <ul style="list-style-type: none"> - Using the four operations, Negative Numbers, Mental Maths <p><u>Expressions, Functions & Formulae</u></p> <ul style="list-style-type: none"> - Using functions, Simplifying expressions, Writing Expressions, Using Formulae, Writing Formulae 	<p><u>Decimals & Measures</u></p> <ul style="list-style-type: none"> - Decimals & Rounding, Length, mass and Capacity, Scales and coordinates, Units <p><u>Fractions</u></p> <ul style="list-style-type: none"> - Simplifying Fractions, Comparing Fractions, Fractions of amounts, our operations with fractions, Mixed numbers <p><u>Angles and Lines</u></p> <ul style="list-style-type: none"> - Measuring angles, Drawing Angles, Right angles & Lines <p><u>Probability</u></p> <ul style="list-style-type: none"> - Finding probabilities, Comparing Probability, Experimental Probabilities <p><u>Ratio and Proportion</u></p> <ul style="list-style-type: none"> - Direct Proportion, Writing Ratios, Using Ratios, <p><u>Graphs</u></p> <ul style="list-style-type: none"> - Real life graphs, coordinates, Graphs of functions 	<p><u>Perimeter, Area & Volume (H)</u></p> <ul style="list-style-type: none"> - Perimeter & area of compound shapes, Volume, Surface Area <p><u>Sequences & Graphs</u></p> <ul style="list-style-type: none"> - Patterns, Sequences, Coordinates, Position to-term Rule. <p><u>Fractions, Decimals & Percentages</u></p> <ul style="list-style-type: none"> - Introducing Percentages, FDP Equivalence. <p><u>Transformations</u></p> <ul style="list-style-type: none"> - Reflections, Rotations, Translations, Enlargements <p><u>Measuring Shapes</u></p> <ul style="list-style-type: none"> - Shapes, Symmetry, Regular Polygons, Perimeter & Area

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Mathematics

Helpful websites	https://hegartymaths.com/ Students will be provided with a log in when they start in the new term. https://corbettmaths.com/		
What sort of homework to expect	The department policy is to set a relevant and substantial piece of home work every week as a minimum. This will be set on Hegarty Maths.		

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MFL

	Autumn Term	Spring Term	Summer Term
Key topics	<p>Introductory content: Introductions/greetings, the alphabet/letter strings, gender, classroom language, numbers to 60, age and birthdays, the time. Second half term: - French: My free time - Spanish: School</p>	<p>The students will have already practised for speaking so will concentrate in other skills. -French: School & My town -Spanish: My free time & speaking practice of all first three modules.</p>	<p>At this stage, the students would have been exposed to communicating using different time expressions (present, future...) and set phrases. - French: Holidays & traditions and festivals. There will be a cultural project taking place. - Spanish: Holidays</p>
Helpful websites	<p>http://www.bbc.co.uk/languages/french/ http://www.tresbienfrench.com/en http://www.digitaldialects.com/French.htm http://www.digitaldialects.com/Spanish.htm http://www.bbc.co.uk/schools/primary/languages/spanish/ http://interactivesites.weebly.com/spanish.html https://www.duolingo.com/ http://freetranslation.imtranslator.net/</p>	<p>More specific websites will be used during the lessons, as homework and as part of the revision methods, ideal for improving in languages. https://www.pearsonactivelearn.com/ https://quizlet.com/en-gb https://www.memrise.com/home/</p>	<p>The sources mentioned on the previous term will be the ones we recommend our students to use almost on a daily basis, to ensure, that through play, they consolidate their learning.</p>

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MFL

	Autumn Term	Spring Term	Summer Term
What sort of homework to expect	<p>Homework will be mainly learning key vocabulary and verb patterns plus revision for assessments each term.</p> <p>The term will be orientated to practise for speaking and presentations and Questions & Answers will be used as homework. The students will be expected to broaden their cultural knowledge.</p> <p>Vocabulary and tenses tests will be undertaken all throughout the year.</p>	<p>In order to start broadening the vocabulary of our students, they will complete a range of tasks which promote different skills all throughout the year.</p> <p>-French: Will Specifically look at reading & translation.</p> <p>-Spanish: Will specifically look at translation from Spanish to English and speaking practice.</p>	<p>In order to start broadening the vocabulary of our students, they will complete a range of tasks which promote different skills all throughout the year.</p> <p>-French: Will specifically look at speaking (General Conversation Questions and answer) and writing.</p> <p>-Spanish: Will specifically look at writing, since Listening and Reading will be embedded within the lessons.</p> <p>Same as mentioned before.</p>
Helpful places to visit to support your learning	<p>There are a number of French/Spanish restaurants around Nottingham (Bistrot Pierre, French Living, Iberico, La Tasca, Escabeche, Baresca). If you are not able to visit one, you can have a look at the menus online.</p>	<p>Languages homework club (Final date to be published in September)</p>	

Dictionary skills are essential when learning a foreign language. It is therefore helpful to practise how to use a French/Spanish dictionary effectively. We recommend Collins Easy Learning French/Spanish dictionary

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Music

	Autumn Term	Spring Term	Summer Term
Key topics	Rhythm, Music and stories.	Music and the Media	Hooks and Riffs, World Music.
Helpful websites	<p>http://www.bbc.co.uk/education/subjects/zmsvr82</p> <p>http://www.musicteachers.co.uk/resources/funstuff</p> <p>http://www.educationquizzes.com/ks3/music/</p>	<p>http://www.bbc.co.uk/education/subjects/zmsvr82</p> <p>http://www.musicteachers.co.uk/resources/funstuff</p> <p>http://www.educationquizzes.com/ks3/music/</p>	<p>http://www.bbc.co.uk/education/subjects/zmsvr82</p> <p>http://www.musicteachers.co.uk/resources/funstuff</p> <p>http://www.educationquizzes.com/ks3/music/</p>
What sort of homework to expect	Who am I? Stomp video with questions. Design a musical instrument, Note Values, Music storyboard for leitmotif, Film composer biography	Reading music – notation homework x 3 Design a monster Media reflection Favourite film score and why.	Top 10 guitar riffs – your favourite and why The music industry – how do musicians get paid? 5 musical styles from different countries Reflection of world music topic.
Helpful places to visit to support your learning	Any concerts in any of the local theatres and concert halls.	The cinema	Any live musical performance.
Useful websites to use	<p>http://www.bbc.co.uk/education/subjects/zmsvr82</p> <p>http://www.musicteachers.co.uk/resources/funstuff</p> <p>http://www.educationquizzes.com/ks3/music/</p> <p>http://datadragon.com/education/instruments/</p>	<p>http://www.bbc.co.uk/education/subjects/zmsvr82</p> <p>http://www.musicteachers.co.uk/resources/funstuff</p> <p>http://www.educationquizzes.com/ks3/music/</p> <p>https://www.ama.org/publications/MarketingNews/Pages/music-advertising-marketing.aspx</p>	<p>http://www.bbc.co.uk/education/subjects/zmsvr82</p> <p>http://www.musicteachers.co.uk/resources/funstuff</p> <p>http://www.educationquizzes.com/ks3/music/</p> <p>http://www.worldmusic.net/</p>

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Physical Education

	Autumn Term	Spring Term	Summer Term
Key topics	Autumn activities and sports: Handball, Basketball, Netball, Fitness,	Activities and sports: Football, Volleyball, Badminton, Hockey	Activities and sports: Tennis, Athletics, Cricket, Rounders
Helpful websites			
What sort of homework to expect	The learning of rules and regulations / positions for sports listed	The learning of rules and regulations / positions for sports listed	The learning of rules and regulations / positions for sports listed
Helpful places to visit to support your learning			
Useful websites to use	http://www.bbc.co.uk/sport http://www.englandhandball.com/ https://www.basketballengland.co.uk/ https://www.englandnetball.co.uk/	https://www.volleyballengland.org/ http://www.badmintonengland.co.uk/homepage.asp#.V2FEdIrKUK http://www.englandhockey.co.uk/ http://www.thefa.com/	https://www.lta.org.uk/ http://www.roundersengland.co.uk/ http://www.ecb.co.uk/ http://www.britishathletics.org.uk/

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Philosophy, Religion & Ethics

	Autumn Term	Spring Term	Summer Term
Key topics	What is religion? What does it mean to be Jewish in the world today?	What does it mean to be a Muslim in the world today? What does it mean to be a Christian in the world today?	What does it mean to be Hindu in the world today? What does it mean to be Sikh in the world today?
Helpful websites	http://www.bbc.co.uk/schools/religion/	http://www.bbc.co.uk/schools/religion/	http://www.bbc.co.uk/schools/religion/
Helpful places to visit to support your learning	The National Holocaust Centre (Beth Shalom – Nottinghamshire)	Local mosques or churches	Local temples or gurdwara.

Suggested reading list to support your learning and progress: Book	Author
Title	
Philosophy for Kids: 40 Fun Questions That Help You Wonder ... About Everything!	David White

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Science

	Autumn Term	Spring Term	Summer Term
Key Topics	Chemistry – Particles Biology – Cells Physics – Waves (continued after Christmas)	Physics – Waves (Finishing) Chemistry – Elements, Atoms and Compounds Biology – Structure and function of Body Systems. Physics – Forces	Biology – Reproduction Chemistry - Reactions Physics – Space A Big Practical Project (either biology, chemistry or physics)
Helpful Websites	BBC Bitesize: Science: KS3 (and search any of the topic above).	BBC Bitesize: Science: KS3 (and search any of the topic above).	BBC Bitesize: Science: KS3 (and search any of the topic above).
What sort of Homework to expect	Memory Retrieval homework booklet for the above topics.	Memory Retrieval homework booklet for the above topics.	Memory Retrieval homework booklet for the above topics.
Helpful places to visit to support your learning	A Library – They will have many books to help support the new topics covered.	Magna Science Adventure Centre	The National Space Centre – Leicester
Useful websites	Many hands on experiments, which can be completed at home, can be found on: http://www.physics.org/marvinandmilo.asp http://www.planet-science.com/	Many hands on experiments, which can be completed at home, can be found on: http://www.physics.org/marvinandmilo.asp http://www.planet-science.com/	Many hands on experiments, which can be completed at home, can be found on: http://www.physics.org/marvinandmilo.asp http://www.planet-science.com/

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Science

Suggested reading list to support your learning and progress: Book Title	Author
KS3 Revision Guide	CGP or Collins (published 2014 onwards)
Activate 1 (The textbook that goes with our course – will be used in school at points)	Oxford
Help your Kids with Science	Carol Vorderman, published by Dorling Kindersly