

## Co-op Academy North Manchester Curriculum Overview Year 8

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Art	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Mixed Media	Mixed Media	Creative ideas and culture - Matryoshka dolls	Creative ideas and culture - Making and decorating	Cakes	Clay construction
Knowledge	Skills development: Continuous line  Collage  Graphite Transfer  Oil pastel blending  Colour theory	Mixed media  Water colours	Cultural research  Proportion of faces  Tonal values  Developing ideas	Skill development: Foil construction Mod-roc cover decorate	Working to a brief  Artist research  Colour blending  Tonal values  Nets  Developing ideas	Skill development: Slab Slip and score sculpt
Understanding: Concepts / Disciplinary Knowledge	Exploring processes, skills and materials.  Personal response - creating own artwork  Researching artists	Researching artists  Planning and development.  Applying skills - personal response.	Developing ideas based on research.  Personal response to creating own artwork	Exploring processes, skills and materials.  Personal response to creating own artwork	Developing ideas based on research.  Personal response to creating own artwork	Exploring processes, skills and materials.  Personal response to creating own artwork
Homework	Artist research Digital art Reading tasks	Animation	Cultural research Drawing skill proportion	3-D design and create	Moodboard Grid drawing Observation work	Nets Packaging and make

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					Cake design	
Assessment	Body of work - Research, experimental techniques and caricature response.	Body of work - Research, development and storytelling response.	Body of work - research, development and design response	Body of work - research, development and sculptural response	Body of work - research, development and design response	Body of work - research, development and clay response
CEAIG	Illustrator Caricaturist Digital artist	Book illustrator Animator Typographer	Toy designer	sculptor	Cake designer	sculptor
How to help at home	Encourage your child to practice skills at home  Watch youtube tutorials.	Encourage your child to practice skills at home  Watch youtube tutorials.	Encourage your child to practice skills at home	Encourage your child to practice skills at home	Encourage your child to practice skills at home  Design and create a 'bakeoff showstopper' - take a photo (art/food tech competition)	Encourage your child to practice skills at home
Wider Reading	<a href="https://www.bbc.co.uk/bitesize/guides/z8pfcj6/revision/1">https://www.bbc.co.uk/bitesize/guides/z8pfcj6/revision/1</a>	How to be an Illustrator, Second Edition - Darrel Rees	Andrew Greg - Julian Opie - the new 'painter of modern life'	'Why your 5 year old could not have done that' - Paul Klee	'Why your 5 year old could not have done that' - Wayne Thiebaud	Tate.org Art term - Sculpture

Citizenship	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	How I view myself	Relationships	Sex and choices	What is the impact of NGO and Pressure groups, in	Were the suffragettes right to use violence?	Do people who break the law deserve a second

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				eradicating current issues?		chance?
Knowledge	Body Image Eating Disorders Grooming	Relationships Safe sex STIs	Abortion Parenting	Modern Day Slavery Human Rights Laws NGOs & Aid - solutions Pressure Groups	Pressure groups Parliament The Suffragettes	Why do people commit crime? Punishment v Reform The Death Penalty
Understanding: Concepts / Disciplinary Knowledge	Health prevention Relationships Mental health	Health prevention Relationships	Relationships Mental health Physical health	Impact: Equality Diversity Democracy and power	Advocacy: Democracy and power	Critical assessment: Law and justice
Homework	Reply to a 'problem page' letter	Leaflet about contraception, STIs or domestic violence	Google Quiz - a PSHE Review of topics they've done this year	Human rights homework	Difference between government and parliament homework	Capital punishment Google quiz
Assessment	Writing to inform	Writing to inform	Writing to evaluate	Oracy	Written evaluation	Written evaluation/debate
CEAIG	Psychologists	Health care professionals	Midwife	Solicitor	Journalist	Barrister
How to help at	Watch: Body image	Visit:	Visit:	Discuss with your	Create revision	Discuss with your

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home	and social media <a href="https://www.youtube.com/watch?v=bqmkqM8lmgg">https://www.youtube.com/watch?v=bqmkqM8lmgg</a>	<a href="https://www.bigtalkeducation.co.uk/parents/">https://www.bigtalkeducation.co.uk/parents/</a>	<a href="https://www.bpas.org/abortion-care/supporting-someone-having-an-abortion/parents/">https://www.bpas.org/abortion-care/supporting-someone-having-an-abortion/parents/</a>	student examples of current issues and how NGOs and pressure groups could help influence change	materials e.g. flashcards, quizzes, mind maps etc.	student the pros and cons of prison vs rehabilitation
Wider Reading	'Little & Lion' - Brandy Colbert	<a href="https://www.brook.org.uk/campaigns/checkwithmefirst/">https://www.brook.org.uk/campaigns/checkwithmefirst/</a>	Choice by A.J. Walkley	The Hate U Give - Angie Thomas	Top Revision Tips: <a href="https://www.bbc.co.uk/bitesize/articles/zw8qpbk">https://www.bbc.co.uk/bitesize/articles/zw8qpbk</a>	Shatter Me - Tahereh Mafi

Computing	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Cyber Security	Programming Language 2	IT and the World of Work	Networks	Databases	The Coca Cola Challenge
Knowledge	Cyber Attacks and how to prevent them  Copyright  Email Scams  Computer Misuse  Protecting personal data	Debugging  Flowcharts  Algorithms  Decisions  Selection  Sequence  Interaction	The Modern World of Work  Accessibility in the workplace  Skills for the workplace  Cloud Computing  Creating personal networks	Computer Networks and Protocols  Hardware  Wired and Wireless Networks  The Internet  Internet Services  The World Wide Web	Records  Fields  Internet Searches  Analysing Data	

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			Remote working				
Understanding: Concepts / Disciplinary Knowledge	<p>Identify and recognise common types of computer crime and signs of fraudulent emails / email scams.</p> <p>Recognise how human errors pose security risks to data and implement strategies to minimise the risks</p> <p>Define hacking, explain how attacks can impact the users, identify strategies to reduce the chance of an attack being successful</p> <p>List the common malware threats and examine how different types of malware cause problems for computer systems.</p>	<p>Demonstrate how to fix errors in code and write a basic program</p> <p>Create a flowchart using the correct symbols</p> <p>Demonstrate how important it is to make our programs as efficient as possible</p> <p>Understand that computers need to make decisions</p> <p>Demonstrate how to write a basic program in Small Basic using if statements</p>	<p>Examine traditional and modern team working</p> <p>Interpreting the advantages and disadvantages of 24/7/365 availability</p> <p>Examine modern technology tools that assist inclusivity and accessibility</p> <p>Explore communication tools and evaluate collaborative working</p> <p>Recall and evaluate collaboration and communication platforms</p> <p>Assess the functions and features of cloud computing and</p> <p>Recognise methods of creating a</p>	<p>Define a computer network, protocols with examples.</p> <p>Explain How data is transmitted between computers across networks</p> <p>Compare wired to wireless connections, list examples of specific technologies.</p> <p>Define 'bandwidth' and give examples</p> <p>Describe 'protocols', 'packets', and 'addressing'</p> <p>Explain and describe the difference between the internet, its services, and the World Wide Web</p> <p>Describe components</p>	<p>Complete internet searches using single criterion and using the greater than and less than searches.</p> <p>Combine searches to look for more than one criterion</p> <p>Use a large on-line database to search for data</p> <p>Demonstrate advanced techniques to search the internet</p> <p>Create a professional looking quiz including suitable questions for adults and children.</p>		

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	<p>Compare security threats and explain how networks can be protected from common security threats</p> <p>Identify the most effective methods to prevent cyberattacks</p>		<p>network when mobile or remote working</p> <p>Evaluate the impact of physical and mental well-being on individuals</p>	<p>(servers, browsers, pages, HTTP and HTTPS protocols, etc.) and how they work together</p>		
Homework	Pre reading	Online Quizzes	Pre reading	Online Quizzes	Paper based and google based quizzes	
Assessment	Exam using the range of skills from this half term	Creation of a specified task	Exam using the range of skills from this half term	Exam using the range of skills from this half term	Creation of a specified task	
CEAIG	Forensic Computer Analyst	Robotics Engineer	E Learning Developer	Network Manager	Database Administrator	
How to help at home	How to stay safe online - <a href="#">Click here</a>	<p>What is debugging article?</p> <p><a href="#">What is debugging?</a></p>	If students have access to a laptop/computer please allow them to explore the Google apps in their Google subscription	<p>What is a network article?</p> <p><a href="#">Click here</a></p>	<p>Allow students to explore the free Microsoft Access software</p> <p><a href="#">Click here for the direct link</a></p>	
Wider Reading	Staying safe online by Louie Stowell	Book - 100 Things to Know About Numbers,	What does it take to become an E learning developer?	Help your kids with computer science book by DK	Databases and how they can help us	



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	learning in class	learning in class	learning in class	learning in class	learning in class	learning in class
Assessment	Language analysis of Chris Kane  Evaluation of Harry and Cathy's characters  Description based on stimulus from the novel	Analysis of how structure has been used Narrative writing using third person limited	Poetry analysis	Analysis of language for purpose Editorial style letter and article	Thematic essay based on sympathy and responsibility  Description of Frankenstein's laboratory	Macbeth's development across the play  Letter to Lady Macbeth
CEAIG	Novelist	Short story writer	Poet	Journalist	Museum curator	Education
How to help at home						
Wider Reading						

Design Technology	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Product Design Graphics and marketing campaign	Product Design Graphics and marketing campaign	Textiles Cyber Pets	Textiles Cyber pets	Food Dietary Needs	Food Menu Planning
Knowledge	Know what a pixel is and what they represent.	Learn how to use the colour replacement tool and understand how	The impact of textiles on world pollution  What are reclaimed	How to utilise tools and machinery safely to manufacture textile products.	The fundamentals of food Preparation and Nutrition	Compare suggested meals to The eatwell plate groups and dietary needs



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<p>Know what is meant by resolution and understand how that can have an impact on the quality and size of an image.</p> <p>Know what is meant by colour depth and understand how this can have an impact on the quality and size of an image</p> <p>Know how a vector graphic is different to a bitmap image.</p> <p>Learn how to use Adobe Illustrator and some of its basic tools.</p> <p>Create a logo based on the client brief provided.</p> <p>Learn how to use a range of selection tools.</p>	<p>tolerance has an impact on its use. Learn how to use a range of selection tools including: magnetic lasso tool, rectangular marquee tool and magic eraser tool.</p> <p>Explain the purpose of using a range of selection tools including: magnetic lasso tool, rectangular marquee tool and magic eraser tool.</p> <p>Learn the importance of branding, creating a logo and slogan</p> <p>What is batch production?</p> <p>Batch producing 'bags for life' with all with unique, printed designs.</p>	<p>fabrics? and environmental factors.</p> <p>How to complete a product comparison through product analysis.</p> <p>Why and how to create an in depth product specification to aid in the design process.</p> <p>How to develop functional patterns for the manufacturing process.</p> <p>The use of pattern markings and industrial uses.</p> <p>The importance of sampling</p> <p>Creating samples and understanding the step by step</p>	<p>How to use quality control and quality assurance when manufacturing to ensure a product that is safe and fit for purpose.</p> <p>What is a PCB?</p> <p>How to develop electronic circuits, understand components and how to solder safely and accurately.</p> <p>How to handle and place the circuit into the cyber pet to allow a functioning product.</p> <p>How to test the product against the specification.</p> <p>How to write a detailed evaluation and the benefits of doing so for future design and</p>	<p>Dietary considerations – moral and health related, Sourcing of ingredients</p> <p>Understand the function of some ingredients and how they can be used effectively in dishes.</p> <p>Understand the design brief, user needs and adapt recipes/processes accordingly.</p> <p>Use research including the study of different cultures to identify and understand users' needs</p> <p>Practical sessions including:</p> <ul style="list-style-type: none"> <li>● Vegetable kebabs</li> <li>● Breads</li> <li>● Curry &amp; rice</li> </ul>	<p>consider the influence of a range of lifestyle factors and consumer choice</p> <p>Know how to adapt recipes for targeted consumers</p> <p>How to taste and cook a broader range of ingredients and healthy recipes, accounting for a range of needs, wants and value</p> <p>Costing and nutritional analysis of recipes</p> <p>Practical sessions including:</p> <ul style="list-style-type: none"> <li>● Cottage pie</li> <li>● Spaghetti bolognese</li> <li>● biscuits</li> </ul>
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	Explain the purpose of using a range of selection tools .		processes to gain precision.	manufacture projects.		
Understanding: Concepts / Disciplinary Knowledge	The importance of CAD in industry	The importance of CAD in industry	Textile industrial/ manufacturing techniques	Building PCB's and the evolution of E Textiles	Understanding dietary needs based on religion, allergies and dietary or moral choices and creating menus and meals with this knowledge	Understanding dietary needs based on religion, allergies and dietary or moral choices and creating menus and meals with this knowledge
Homework	Ks3 differentiated – option homework	Ks3 differentiated – option homework	Ks3 differentiated – option homework	Ks3 differentiated – option homework	Sensory analysis/ feedback from practical session	Sensory analysis/ feedback from practical session
Assessment	Cumulative assessment against the assessment criteria grid	Cumulative assessment against the assessment criteria grid	Cumulative assessment against the assessment criteria grid	Cumulative assessment against the assessment criteria grid	Cumulative assessment against the assessment criteria grid	Cumulative assessment against the assessment criteria grid
CEAIG	Graphic designer	Merchandiser	Pattern maker	Electrical engineer	Food scientist	Menu planner
How to help at home	Watch: Abstract: The Art of Design. Netflix	Watch: Minimalism: A Documentary About the Important Things	Watch: The documentary traceable	Watch: The Next Black	Useful websites: <a href="https://www.grainchain.com/">https://www.grainchain.com/</a> <a href="https://www.bbcgoodfood.com/">https://www.bbcgoodfood.com/</a>	Useful website help: <a href="https://www.ifst.org/lovefoodlovescience/resources">https://www.ifst.org/lovefoodlovescience/resources</a>

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Wider Reading	Graphic Design For Everyone: Understand the Building Blocks so You can Do It Yourself- Cath Caldwell	Graphic Design Play Book: An Exploration of Visual Thinking- Sophie Cure	Generation Green: The Ultimate Teen Guide to Living an Eco-Friendly Life by Linda Sivertsen	Iconic Designs: 50 Stories about 50 Things-Grace Lees-Maffei	MasterChef Junior Cookbook: Bold Recipes and Essential Techniques to Inspire Young Cooks by MasterChef Junior (Author), ISBN-10 : 0451499123	Chew On This: Everything You Don't Want to Know About Fast Food Kindle Edition ASIN
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History	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	The Aztecs	Tudors	English Civil War	Empire	End of Year Exam	Warfare
Knowledge	<p>What made the Aztecs so Strong</p> <p>Why did the Spanish want to conquer the Aztecs</p> <p>What events led to the downfall of the Aztecs</p> <p>Strengths and Weaknesses</p> <p>Religious beliefs</p> <p>Montezuma and Cortez</p>	<p>Henry's Break with Rome</p> <p>Edward</p> <p>Interpretations of Edward</p> <p>Mary</p> <p>Interpretations of Mary</p> <p>Elizabeth</p> <p>Interpretations of Elizabeth</p> <p>Comparing</p>	<p>Charles and Parliament</p> <p>Cavaliers and Roundheads</p> <p>Edge Hill</p> <p>Marston Moor and Naesby</p> <p>New Model Army &amp; Cromwell/Fairfax</p> <p>Trial and Execution</p>	<p>Why Britain wanted control of India and Africa</p> <p>Impact on India and Britain</p> <p>Impact on Africa and Britain</p> <p>Exploitation or improvement</p>	<p>Aztecs Revision</p> <p>Tudors Revision</p>	<p>Causes of Waterloo</p> <p>Events of Waterloo</p> <p>Waterloo - Training, Tactics, technology and Types of warfare</p> <p>Trench warfare</p> <p>Technology of WWI</p> <p>Comparison between Waterloo and WWI</p> <p>Guerilla warfare in Vietnam</p> <p>Vietnam, training,</p>

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	Luck and Smallpox  Were the Aztecs the architects of their downfall	interpretations of Mary and Elizabeth Was Mary really the damp dark cloud as suggested by Leanda de Lisle				tactics, technology and types of warfare.  Comparison between Waterloo, WWI and Vietnam
Understanding: Concepts / Disciplinary Knowledge	Causation and conquest	Interpretations and religion	Significance and Power	Significance and colonisation	Causation Interpretations Key Concepts	Change and Continuity & Modern Warfare00
Homework	<a href="https://docs.google.com/presentation/d/1vcSZhH0_ifGzSFV4j3wMrTCD24aEuFPV/edit#slide=id.p2">https://docs.google.com/presentation/d/1vcSZhH0_ifGzSFV4j3wMrTCD24aEuFPV/edit#slide=id.p2</a>	<a href="https://docs.google.com/forms/d/1COvGTst79-nU7FMe6s4tSFT9hdjF2ceBW_DgzkwlbQ/edit">https://docs.google.com/forms/d/1COvGTst79-nU7FMe6s4tSFT9hdjF2ceBW_DgzkwlbQ/edit</a>	<a href="https://drive.google.com/drive/folders/1k9gcySQJmFxdnDQ2u0ko29GAMCH56Nbg">https://drive.google.com/drive/folders/1k9gcySQJmFxdnDQ2u0ko29GAMCH56Nbg</a>  <a href="https://drive.google.com/drive/folders/1YUaZ7nEhuHeFCvMwTXPv9bf_ZrRdq3qF">https://drive.google.com/drive/folders/1YUaZ7nEhuHeFCvMwTXPv9bf_ZrRdq3qF</a>  <a href="https://drive.google.com/drive/folders/1kaMePIC-Y6BhctjA7f8um1T1cwzT03VV">https://drive.google.com/drive/folders/1kaMePIC-Y6BhctjA7f8um1T1cwzT03VV</a>	<a href="https://docs.google.com/forms/d/1kwrM02COmfxiadxslCdsWwg5dBRRjzwnL7fA0ggwAuo/edit">https://docs.google.com/forms/d/1kwrM02COmfxiadxslCdsWwg5dBRRjzwnL7fA0ggwAuo/edit</a>  <a href="https://docs.google.com/forms/d/1rB_TT7YhbVslB4jJeR-mraqVSWZ3_u-cpBmDDFtqLuQ/edit">https://docs.google.com/forms/d/1rB_TT7YhbVslB4jJeR-mraqVSWZ3_u-cpBmDDFtqLuQ/edit</a>  <a href="https://docs.google.com/forms/d/1vuD4Yd7p_4kzqsNGnwUYq1sl748naRPu8l5W_xiihtk/edit">https://docs.google.com/forms/d/1vuD4Yd7p_4kzqsNGnwUYq1sl748naRPu8l5W_xiihtk/edit</a>	<a href="https://docs.google.com/forms/d/1XVoSC5OKzcW95Mwb9J5YvdTdz58Fvewm76q-ailOwT4/edit">https://docs.google.com/forms/d/1XVoSC5OKzcW95Mwb9J5YvdTdz58Fvewm76q-ailOwT4/edit</a>  <a href="https://docs.google.com/forms/d/1-BaxwUiIMZsjH_SqBe5qEmNLDs0Do9RB7Um0YfVrU8c/edit">https://docs.google.com/forms/d/1-BaxwUiIMZsjH_SqBe5qEmNLDs0Do9RB7Um0YfVrU8c/edit</a>	<a href="https://docs.google.com/forms/d/1ita0ynzGUnv8bASjhctbn8gk2yQuzvVDZ654oeji1Xk/edit">https://docs.google.com/forms/d/1ita0ynzGUnv8bASjhctbn8gk2yQuzvVDZ654oeji1Xk/edit</a>  <a href="https://docs.google.com/forms/d/1mVKReB_eidlWmccij29qEuWpYj17SU_ydcYqPBylx3QA/edit">https://docs.google.com/forms/d/1mVKReB_eidlWmccij29qEuWpYj17SU_ydcYqPBylx3QA/edit</a>  <a href="https://docs.google.com/forms/d/1BT_rNHdEfNq2oR9oX5ZyrkPyx9TkhfPx8iBnf-r2_wE/edit">https://docs.google.com/forms/d/1BT_rNHdEfNq2oR9oX5ZyrkPyx9TkhfPx8iBnf-r2_wE/edit</a>
Assessment	Extended written piece on causation	Interpretations	Residual knowledge quiz and mind map	Written speech	Causation essay - extended writing and interpretations	Extended written piece Residual knowledge quiz on Modern and

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						Medieval Warfare
CEAIG	Researcher Curator Archaeologist Journalist Teacher	Researcher Curator Archaeologist Journalist Teacher	Researcher Curator Archaeologist Journalist Teacher Researcher	Researcher Curator Archaeologist Journalist Teacher Researcher	Researcher Curator Archaeologist Journalist Teacher Researcher	Researcher Curator Archaeologist Journalist Teacher Researcher
How to help at home	<a href="https://www.history.com/topics/ancient-americas/aztecs">https://www.history.com/topics/ancient-americas/aztecs</a>	<a href="https://www.youtube.com/watch?v=IFm4AE1Hm4Y">https://www.youtube.com/watch?v=IFm4AE1Hm4Y</a>	<a href="http://www.anglotopia.net/british-history/great-events-british-history-english-civil-war-beg-inners-guide-englands-civil-wars/">http://www.anglotopia.net/british-history/great-events-british-history-english-civil-war-beg-inners-guide-englands-civil-wars/</a>  <a href="http://www.bbc.co.uk/history/british/civil_war_revolution/">http://www.bbc.co.uk/history/british/civil_war_revolution/</a>  <a href="http://www.bbc.co.uk/radio/player/b00kpd6">http://www.bbc.co.uk/radio/player/b00kpd6</a> - Podcast on Charles' Execution	<a href="https://youtu.be/sc-LhvFOPAQ">https://youtu.be/sc-LhvFOPAQ</a>	<a href="https://docs.google.com/forms/d/1XVoSC5OKzcW95Mwb9J5YvdtDz58Fvewm76q-ailOwT4/edit">https://docs.google.com/forms/d/1XVoSC5OKzcW95Mwb9J5YvdtDz58Fvewm76q-ailOwT4/edit</a>  <a href="https://docs.google.com/forms/d/1-BaxwUUiMZsiH_SqBe5qEmNLDs0Do9RB7Um0YfvRU8c/edit">https://docs.google.com/forms/d/1-BaxwUUiMZsiH_SqBe5qEmNLDs0Do9RB7Um0YfvRU8c/edit</a>	<a href="https://www.youtube.com/watch?v=RsLpS4aTvLc">https://www.youtube.com/watch?v=RsLpS4aTvLc</a>  <a href="https://www.youtube.com/watch?v=9E7xYLv8N2E">https://www.youtube.com/watch?v=9E7xYLv8N2E</a>  <a href="https://www.youtube.com/watch?v=7tNTh6KlXXU">https://www.youtube.com/watch?v=7tNTh6KlXXU</a>
Wider Reading	Camilla Townsend's Fifth Sun	Leanda de Lisle's Tudor: The Family History	Civil War by Peter Ackroyd	Black and British by David Olusogo  Empire by Jeremy Paxman	Leanda de Lisle's Tudor: The Family History	War and Technology: A very short introduction by Alex Roland

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Geography	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Can Japan be protected from a natural hazard?	Can global poverty be prevented?	Glaciers	Life in the Desert	Where is the best location to locate a wind turbine?	Where is the best location to locate a wind turbine?
Knowledge	<p>Identify types and natural hazard and categorise them</p> <p>Describe the structure of the earth and explain how tectonic plates move</p> <p>Describe three types of plate boundary</p> <p>Explain which hazards can be found at each plate boundary</p> <p>Understand how tsunamis are formed</p> <p>Identify human and physical geography of Japan and how they are connected</p> <p>Understand how people, the economy and the environment are affected by a tsunami</p>	<p>Describe the distribution of developed, developing and newly emerging countries</p> <p>Identify how development is measured through single development indicators and HDI</p> <p>Explain how development factors impact the development of countries</p> <p>Explain, with examples, the factors that affect development</p> <p>Describe what aid is and the different ways it can be arranged</p> <p>Examine if education is a solution to poverty</p>	<p>Describe what glaciers are and how they form</p> <p>Glacial erosion and the formation of a corrie</p> <p>Formation of aretes and pyramidal peaks</p> <p>Formation of glacial troughs</p> <p>Glacial transportation and depositional landforms</p> <p>Impacts caused by melting glaciers</p> <p>Human use of glacial landscapes</p> <p>Evaluating the impacts of tourism in the Lake District</p> <p>Managing the challenges in a glacial</p>			

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	<p>Understand why different responses are needed both in the short and the long-term</p> <p>Evaluating which management strategies are more effective</p> <p>Identify strategies to reduce the impact of a natural hazard and know advantages and disadvantages</p> <p>Understand long-term responses to the 2011 tsunami</p>	<p>Assess how well Fair Trade can help to reduce development issues</p> <p>Assess how well Tree Aid can help to reduce development issues</p>	<p>landscape: The Lake District</p>			
<p>Understanding: Concepts / Disciplinary Knowledge</p>	<p>Tectonic plate boundaries &amp; processes</p> <p>Effects</p> <p>Response Management</p> <p>Image analysis</p>	<p>Development indicators</p> <p>Factors that affect development</p> <p>Assessing of strategies used to improve quality of life</p> <p>Description of information in different locations using maps</p>	<p>Formation of glacial features</p> <p>Glacial processes</p> <p>OS map interpretation</p> <p>Image analysis</p>	<p>Plant &amp; animal adaptations</p> <p>Comparison of biomes</p> <p>Decision making</p> <p>Climate graph interpretation</p> <p>Describing locations</p>	<p>Types of energy generation</p> <p>Best source of energy generation</p> <p>Decision making based on information</p> <p>OS map skills</p>	<p>Types of energy generation</p> <p>Best source of energy generation</p> <p>Decision making based on information</p> <p>OS map skills</p>

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Homework	Homework is set fortnightly on Class Charts and encourages pupils to research for future lessons and recall and review prior learning	Homework is set fortnightly on Class Charts and encourages pupils to research for future lessons and recall and review prior learning	Homework is set fortnightly on Class Charts and encourages pupils to research for future lessons and recall and review prior learning	Homework is set fortnightly on Class Charts and encourages pupils to research for future lessons and recall and review prior learning	Homework is set fortnightly on Class Charts and encourages pupils to research for future lessons and recall and review prior learning	Homework is set fortnightly on Class Charts and encourages pupils to research for future lessons and recall and review prior learning
Assessment	Exam using the range of knowledge and skills from the unit	Exam	Exam using the range of knowledge and skills from the unit	Extended writing: Comparison of biomes and decision making	Extended writing: Best type of energy for the UK	Decision making exercise
CEAIG	Hazard and disaster manager	Aid worker	Climate scientist	Ecologist	Renewable energy consultant	Urban planner
How to help at home	Encourage pupils to watch news broadcasts for current disasters and responses	Discuss with pupils different charities you support/know and explain why you support those organisations	Encourage pupils to watch Frozen Planet series and discuss with them themes from it	Speak with pupils about their work and encourage them to show you their work and talk you through what they have produced	Discuss energy costs and how these have changed and can be reduced around the home	Speak with pupils about their work and encourage them to show you their work and talk you through what they have produced
Wider Reading	Can We Protect People From Natural Disasters?  Ghosts of the tsunami	Prisoners of Geography	Glaciers: Discover Pictures and Facts About Glaciers For Kids!  Touching the Void	Welcome to Nowhere	An Introduction to Renewable Energy Sources: Environment Books for Kids	Here We Are





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	Homework	Homework	Homework	Homework	Homework	Homework
Assessment	Topic Assessments	Topic Assessments	Topic Assessments Summative Assessment	Topic Assessments	Topic Assessments	Topic Assessments End of Year Assessment
CEAIG	Surveyor	Architecture	Interior Design	Robotics	Epidemiologist	Statistician
How to help at home	<p>HCF &amp; LCM - <a href="https://www.bbc.co.uk/bitesize/topics/z6j2tfr/articles/z72r97h">https://www.bbc.co.uk/bitesize/topics/z6j2tfr/articles/z72r97h</a></p> <p>Negative Numbers - <a href="https://www.bbc.co.uk/bitesize/topics/zp26n39">https://www.bbc.co.uk/bitesize/topics/zp26n39</a></p> <p>Fractions, Decimals and Percentages - <a href="https://www.bbc.co.uk/bitesize/topics/z7kw2hv">https://www.bbc.co.uk/bitesize/topics/z7kw2hv</a></p>	<p>Factorising - <a href="https://www.bbc.co.uk/bitesize/topics/z9yb4wx/articles/z4vybqt">https://www.bbc.co.uk/bitesize/topics/z9yb4wx/articles/z4vybqt</a></p> <p>Substitution - <a href="https://www.bbc.co.uk/bitesize/topics/z9yb4wx/articles/zqysvwx">https://www.bbc.co.uk/bitesize/topics/z9yb4wx/articles/zqysvwx</a></p> <p>Plans and Elevations - <a href="https://www.bbc.co.uk/bitesize/guides/zj76fg8/revision/1">https://www.bbc.co.uk/bitesize/guides/zj76fg8/revision/1</a></p> <p>Bearings - <a href="https://www.bbc.co.uk/bitesize/guides/zjqmn39/revision/7">https://www.bbc.co.uk/bitesize/guides/zjqmn39/revision/7</a></p> <p>Probability - <a href="https://www.bbc.co.uk/bitesize/guides/zjqmn39/revision/7">https://www.bbc.co.uk/bitesize/guides/zjqmn39/revision/7</a></p>	<p>Angles - <a href="https://www.bbc.co.uk/bitesize/topics/zdr9wmn">https://www.bbc.co.uk/bitesize/topics/zdr9wmn</a></p> <p>Linear Sequences - <a href="https://www.bbc.co.uk/bitesize/topics/zwg4d2p/articles/zhcvg2p">https://www.bbc.co.uk/bitesize/topics/zwg4d2p/articles/zhcvg2p</a></p> <p>Percentages - <a href="https://www.bbc.co.uk/bitesize/topics/zf6pyrd">https://www.bbc.co.uk/bitesize/topics/zf6pyrd</a></p> <p>Fractions of Amounts - <a href="https://www.bbc.co.uk/bitesize/topics/zsxhfg8/articles/z33csrd">https://www.bbc.co.uk/bitesize/topics/zsxhfg8/articles/z33csrd</a></p>	<p>Circles - <a href="https://www.bbc.co.uk/bitesize/guides/zc9wxnb/revision/1">https://www.bbc.co.uk/bitesize/guides/zc9wxnb/revision/1</a></p> <p>Volume - <a href="https://www.bbc.co.uk/bitesize/guides/z26nb9q/revision/1">https://www.bbc.co.uk/bitesize/guides/z26nb9q/revision/1</a></p> <p>Solving Equations - <a href="https://www.bbc.co.uk/bitesize/topics/z83rkqt">https://www.bbc.co.uk/bitesize/topics/z83rkqt</a></p> <p>Solving Inequalities - <a href="https://www.bbc.co.uk/bitesize/topics/zkvg9j6/articles/zbn8qyc">https://www.bbc.co.uk/bitesize/topics/zkvg9j6/articles/zbn8qyc</a></p>	<p>Graphs - <a href="https://www.bbc.co.uk/bitesize/topics/zdbc87h">https://www.bbc.co.uk/bitesize/topics/zdbc87h</a></p> <p>Venn Diagrams - <a href="https://www.bbc.co.uk/bitesize/topics/z4gjqfr/articles/zdngvwx">https://www.bbc.co.uk/bitesize/topics/z4gjqfr/articles/zdngvwx</a></p>	<p>Scatter Graphs - <a href="https://www.bbc.co.uk/bitesize/guides/zrg4jxs/revision/8">https://www.bbc.co.uk/bitesize/guides/zrg4jxs/revision/8</a></p> <p>Bar Charts - <a href="https://www.bbc.co.uk/bitesize/guides/zrg4jxs/revision/2">https://www.bbc.co.uk/bitesize/guides/zrg4jxs/revision/2</a></p> <p>Averages and Range - <a href="https://www.bbc.co.uk/bitesize/topics/zbsvr82">https://www.bbc.co.uk/bitesize/topics/zbsvr82</a></p>

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		<a href="http://uk/bitesize/topics/zgf3cdm">uk/bitesize/topics/zgf3cdm</a>				
Wider Reading	'The Penguin Dictionary of Curious and Interesting Numbers' - David Wells	'The Indisputable Existence of Santa Claus' - Dr Hannah Fry and Dr Thomas Oleron Evans	'The Number Devil' - Hans Magnus Enzensberger	'The Ten Greatest Maths Puzzles of All Time' - Marcel Danesi	'The Thrilling Adventures of Lovelace and Babbage' - Sydney Padua	'Snowflake, Seashell, Star' - Alex Bellos

Music	TERM 1		TERM 2		TERM 3	
Topic(s)	Hip Hop		BritPop music		South American Music	
Knowledge	<ul style="list-style-type: none"> <li>● Composing with the key features of hip hop music</li> <li>● Understanding Hip Hop Culture</li> <li>● Lyric writing</li> <li>● Music technology (introduction to Logic Pro)</li> </ul>		<ul style="list-style-type: none"> <li>● Guitar skills</li> <li>● British Popular music</li> <li>● Chords &amp; Melody</li> <li>● Structure</li> <li>● Singing Britpop music</li> </ul>		<ul style="list-style-type: none"> <li>● Developing Rhythm</li> <li>● Ensemble performance</li> <li>● Understanding South american Music &amp; Culture</li> </ul>	
Understanding: Concepts / Disciplinary Knowledge	Composition using DAW in a HIP HOP Style Riff composition Texture, Rhythm & Metre, Tempo, Melody Harmony. Music technology		Ensemble Performance Group work, listening skills Band Skills Guitar skills  Structure, Melody, Harmony		Ensemble Performance Samba Drumming Rhythm & pulse Syncopation, Complex rhythms, polyrhythms. Chords and Melody, Harmony, Rhythm, Texture. ensemble skills	
Homework	Google Quiz	Topic Based Homework	Google Quiz	Topic Based Homework	Google Quiz	Topic Based Homework



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	effectively.  Apply the rules of the game/activity correctly  Passing and moving  Striking and fielding  Hand-eye coordination  Tactics	effectively.  Apply the rules of the game/activity correctly  Passing and moving  Hand-eye coordination  Sport specific Tactics	effectively.  Health Benefits of leading an active lifestyle  How to exercise safely  Hand-eye coordination  Team building and  Navigation skills  Linking actions to create a routine	effectively.  Apply the rules of the game/activity  Hand-eye coordination  Sequencing routines  Fluency and control	effectively.  Apply the rules of the game/activity correctly  Hand-eye coordination  Sport specific tactics	effectively.  Apply the rules of the game/activity correctly  Reaction time  Hand-eye coordination
Understanding: Concepts / Disciplinary Knowledge	Skill development Select and apply the correct skills to outwit an opponent.  Performing the basic skills in isolation with success and applying these to modified games.  Application and understanding of	Skill development Select and apply the correct skills to outwit an opponent.  Performing the basic skills in isolation with success and applying these to modified games.  Application and understanding of	Team building and further development of leadership..  Performing the basic skills in isolation with success and applying these to different routines/circuits.  Learn and apply different methods	Skill development Select and apply the correct skills to outwit an opponent.  Performing the basic skills in isolation with success and applying these to modified games.  Creating and performing routines.	Skill development Select and apply the correct skills to outwit an opponent.  Performing the basic skills in isolation with success and applying these to modified games.  Application and understanding of	Skill development Select and apply the correct skills to outwit an opponent.  Performing the basic skills in isolation with success and applying these to modified games.  Application and understanding of





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Religious Studies	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Why do people practise religious traditions?	Does religion need to adapt to survive?	If you are religious, should you be pro-life?	Do we need God to be good?	Revision and End of Year Assessment	Can religion inspire you to be an advocate?
Knowledge	Festivals - Vaisakhi and Eid ul Adha  Marriage Ceremonies - Hinduism and Judaism  Personal Sacrifice - Sawm and Lent	Contraception  Homosexuality  Changing Religious Attitudes to Modern Issues in Christianity and Islam	Euthanasia  Abortion  Alternatives to ending life	Good vs. Evil in Christianity  Life and Death in Hinduism and Islam  Helping Others to Be Rewarded	Knowledge from HT1-HT4	Martin Luther King Jr. vs Malcolm X  Religious Advocacy
Understanding: Concepts / Disciplinary Knowledge	Understanding and Knowing Practices  Significance	Understanding and Knowing Beliefs  Matters of Life and Death	Understanding and Knowing Practices  Matters of Life and Death  Medical Ethics	Understanding and Knowing Practices  Matters of Life and Death  Significance and Interpretations	Retrieval  Application of Knowledge	Peace and Conflict  Interpretations
Homework	Google Quiz	Google Quiz	Google Quiz	Google Quiz	Revision Google Quiz	Black Lives Matter Homework  Google Quiz
Assessment	Writing to Explain	Writing to Analyse	Speech Writing	Writing to Analyse	End of Year Exam	Quiz



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CEAIG	Chaplain	Policy Officer	Health Care Support Worker	Advice Worker	Teacher of Religious Studies	Charity Officer
How to help at home	Discuss festivals you celebrate with your pupil, how and why you celebrate them - religious and non-religious.	Find a newspaper article about changing morals or values in society and discuss why things change.	Watch: <a href="https://www.truetube.co.uk/resource/the-view-from-the-classroom-euthanasia/">https://www.truetube.co.uk/resource/the-view-from-the-classroom-euthanasia/</a> and discuss your thoughts.	Can you think of any stories, tv shows or films about good versus evil? Where does evil come from in these stories? Discuss.	Create revision materials e.g. flashcards, quizzes, mind maps etc.	Watch: Martin Luther King from BBC Teach <a href="https://www.youtube.com/watch?v=ewJb8obYOKs">https://www.youtube.com/watch?v=ewJb8obYOKs</a>  Discuss why you think he was so influential.
Wider Reading	Religious Wedding Traditions: <a href="https://faithcounts.com/saying-i-do-a-look-at-different-religious-wedding-traditions/">https://faithcounts.com/saying-i-do-a-look-at-different-religious-wedding-traditions/</a>	Saints and misfits – S.K. Ali	Blind Faith - Ellen Wittlinger	How Religion Motivates People to Give and Serve <a href="https://theconversation.com/how-religion-motivates-people-to-give-and-serve-81662">https://theconversation.com/how-religion-motivates-people-to-give-and-serve-81662</a>	Top Revision Tips: <a href="https://www.bbc.co.uk/bitesize/articles/zw8qpbk">https://www.bbc.co.uk/bitesize/articles/zw8qpbk</a>	Noughts and Crosses (Trilogy) – Malorie Blackman

Science	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Nutrition and enzymes Reactivity	Sound and light Breathing and respiration	Materials	Electricity Genes	Earth	Motion Climate change
Knowledge	The body needs a	When a light ray	The elements in a	We can model	Sedimentary,	If the overall,

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	<p>balanced diet with carbohydrates, lipids, proteins, vitamins, minerals, dietary fibre and water, for its cells' energy, growth and maintenance. Organs of the digestive system are adapted to break large food molecules into small ones which can travel in the blood to cells and are used for life processes. Metals and non-metals react with oxygen to form oxides which are either bases or acids. Metals can be arranged as a reactivity series in order of how readily they react with other substances. Some metals react with acids to produce salts and hydrogen.</p>	<p>meets a different medium, some of it is absorbed and some reflected. For a mirror, the angle of incidence equals the angle of reflection. The ray model can describe the formation of an image in a mirror and how objects appear different colours. When light enters a denser medium it bends towards the normal; when it enters a less dense medium it bends away from the normal. Refraction through lenses and prisms can be described using a ray diagram as a model. In gas exchange, oxygen and carbon dioxide move between alveoli and the blood. Oxygen is transported to cells for aerobic</p>	<p>group all react in a similar way and sometimes show a pattern in reactivity. As you go down a group and across a period the elements show patterns in physical properties.</p>	<p>voltage as an electrical push from the battery, or the amount of energy per unit of charge transferred through the electrical pathway. In a series circuit, voltage is shared between each component. In a parallel circuit, voltage is the same across each loop. Components with resistance reduce the current flowing and shift energy to the surroundings. Current is a movement of electrons and is the same everywhere in a series circuit. Current divides between loops in a parallel circuit, combines when loops meet, lights up bulbs and makes components work. Around a charged object, the electric</p>	<p>igneous and metamorphic rocks can be inter converted over millions of years through weathering and erosion, heat and pressure, and melting and cooling. Electricity is generated by a combination of resources which each have advantages and disadvantages.</p>	<p>resultant force on an object is non-zero, its motion changes and it slows down, speeds up or changes direction. Carbon is recycled through natural processes in the atmosphere, ecosystems, oceans and the Earth's crust (such as photosynthesis and respiration) as well as human activities (burning fuels). Greenhouse gases reduce the amount of energy lost from the Earth through radiation and therefore the temperature has been rising as the concentration of those gases has risen. Scientists have evidence that global warming caused by human activity is causing changes in climate.</p>
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		<p>respiration and carbon dioxide, a waste product of respiration, is removed from the body. Breathing occurs through the action of muscles in the ribcage and diaphragm. The amount of oxygen required by body cells determines the rate of breathing. Respiration is a series of chemical reactions, in cells, that breaks down glucose to provide energy and form new molecules. Most living things use aerobic respiration but switch to anaerobic respiration, which provides less energy, when oxygen is unavailable.</p>		<p>field affects other charged objects, causing them to be attracted or repelled. The field strength decreases with distance. There is variation between individuals of the same species. Some variation is inherited, some is caused by the environment and some is a combination. Variation between individuals is important for the survival of a species, helping it to avoid extinction in an always changing environment.</p>		
Understanding: Concepts /	Explain how diet and nutrition is	Describe different types of waves.	Explain how the chemical	Identify circuit components.	Describe the different stages of	Calculate speed and acceleration.

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<p>Disciplinary Knowledge</p>	<p>linked to health.</p> <p>Describe the process of digestion and explain adaptations of the digestive system.</p> <p>Describe the role and importance of enzymes in digestion.</p> <p>Explain how different substances have a predisposition to react and predict reactions between substances.</p> <p>Represent chemical reactions using word and symbol equations</p>	<p>Explain how light and sound travel through different media.</p> <p>Describe the mechanical process of breathing.</p> <p>Explain the need of respiration for all organisms.</p> <p>Know the difference between aerobic and anaerobic respiration</p>	<p>composition of a material is related to its properties.</p> <p>Explain how the structure of materials is related to its properties.</p> <p>Explain how properties are related to the usefulness of a material.</p>	<p>Investigate current, p.d and resistance..</p> <p>Explain how charged objects can attract and repel.</p> <p>Describe variation qualitatively and quantitatively.</p> <p>Explain how characteristics are inherited.</p> <p>Explain how species change over time due to evolution by natural selection.</p>	<p>the rock cycle and discuss the features of sedimentary, igneous and metamorphic rock.</p> <p>Discuss the use of renewable and non-renewable resources in terms of their usefulness and environmental impact</p>	<p>Describe relative speed.</p> <p>Interpret distance/time, speed/time graphs.</p> <p>Explain how changes in the Earth's atmosphere are affecting climate around the world</p> <p>Evaluate the impact that humans and their activities are having on the Earth's climate.</p>
<p>Homework</p>	<p>Educake recall quiz</p>	<p>Educake recall quiz</p>	<p>Educake recall quiz</p>	<p>Educake recall quiz</p>	<p>Educake recall quiz</p>	<p>Educake recall quiz</p>
<p>Assessment</p>	<p>Practical skills Multiple choice recall Extended writing</p>	<p>Practical skills Multiple choice recall Extended writing</p>	<p>Practical skills Multiple choice recall Extended writing</p>	<p>Practical skills Multiple choice recall Extended writing</p>	<p>Practical skills Multiple choice recall Extended writing</p>	<p>Practical skills Multiple choice recall Extended writing</p>

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	tasks	tasks End of term assessment	tasks	tasks End of term assessment	tasks	tasks End of year assessment
CEAIG	Dietician	Sound/light engineer Medicine	Chemical engineer	Electrician Medicine	Geologist Environmental scientist	Environmental scientist
How to help at home	<a href="https://www.bbc.co.uk/bitesize/topics/zf339j6">https://www.bbc.co.uk/bitesize/topics/zf339j6</a> <a href="https://www.bbc.co.uk/bitesize/topics/zypsgk7">https://www.bbc.co.uk/bitesize/topics/zypsgk7</a>	<a href="https://www.bbc.co.uk/bitesize/topics/zvrrd2p">https://www.bbc.co.uk/bitesize/topics/zvrrd2p</a> <a href="https://www.bbc.co.uk/bitesize/topics/zw982hv">https://www.bbc.co.uk/bitesize/topics/zw982hv</a>	<a href="https://www.bbc.co.uk/bitesize/subjects/znxyrd">https://www.bbc.co.uk/bitesize/subjects/znxyrd</a>	<a href="https://www.bbc.co.uk/bitesize/topics/zy39j6">https://www.bbc.co.uk/bitesize/topics/zy39j6</a> <a href="https://www.bbc.co.uk/bitesize/subjects/z4882hv">https://www.bbc.co.uk/bitesize/subjects/z4882hv</a>	<a href="https://www.bbc.co.uk/bitesize/topics/z3fv4wx">https://www.bbc.co.uk/bitesize/topics/z3fv4wx</a>	<a href="https://www.bbc.co.uk/bitesize/topics/z3fv4wx">https://www.bbc.co.uk/bitesize/topics/z3fv4wx</a> <a href="https://www.bbc.co.uk/bitesize/topics/z4brd2p">https://www.bbc.co.uk/bitesize/topics/z4brd2p</a>
Wider Reading	<i>Fiction</i> The Fault in Our Stars, John Green Bridge to Terabithia, Katherine Paterson  <i>Non Fiction</i> Greta's story: the schoolgirl who went on strike to save the planet - Valentina Camerini Stuff that scares your pants off - the	<i>Fiction</i> The Fault in Our Stars, John Green Bridge to Terabithia, Katherine Paterson  <i>Non Fiction</i> Greta's story: the schoolgirl who went on strike to save the planet - Valentina Camerini Stuff that scares your pants off - the	<i>Fiction</i> The Fault in Our Stars, John Green Bridge to Terabithia, Katherine Paterson  <i>Non Fiction</i> Greta's story: the schoolgirl who went on strike to save the planet - Valentina Camerini Stuff that scares your pants off - the	<i>Fiction</i> The Fault in Our Stars, John Green Bridge to Terabithia, Katherine Paterson  <i>Non Fiction</i> Greta's story: the schoolgirl who went on strike to save the planet - Valentina Camerini Stuff that scares your pants off - the	<i>Fiction</i> The Fault in Our Stars, John Green Bridge to Terabithia, Katherine Paterson  <i>Non Fiction</i> Greta's story: the schoolgirl who went on strike to save the planet - Valentina Camerini Stuff that scares your pants off - the	<i>Fiction</i> The Fault in Our Stars, John Green Bridge to Terabithia, Katherine Paterson  <i>Non Fiction</i> Greta's story: the schoolgirl who went on strike to save the planet - Valentina Camerini Stuff that scares your pants off - the

