

Axe and Frome Class long term plans

Formal Learners KS4 Year A - Axe	Term 1 Transportation	Term 2 Local Community	Term 3 Slave Trade	Term 4 Energy	Term 5 Medieval Britain	Term 6 Tourism
English Upper set Year A	Book study: A Christmas Carol Outcomes: GCSE- reading and interpreting a range of fiction texts (inc.19 th Century) and writing descriptively. Completion of Speaking and listening task. Silver or Gold Component 2- Exploring – Reading and comparing texts from different time periods and writing adventure stories.		Book study: An Inspector Calls Play/ The Curious Incident of the Dog at Night time - Play. Outcomes: GCSE- reading and comprehending non- fiction texts, writing non-fiction texts. Silver or Gold Component 1- Detectives- taking part in a police investigation, discussion task, reading and comprehending a range of non-fiction texts and writing a factual police report.		Book study: War Horse/ The Hero next door Outcomes: GCSE Exam prep- reading sections for paper 1 and 2. Silver or Gold Component 2- Heroism – reading and comparing texts about heroes and creating own Superhero story	Book study: Class choice. Outcomes: Silver or Gold Component 1- Leisure- developing speaking and listening skills, understanding language and presentational skills, writing a review/ thank you letter about a local leisure activity
English Lower set Year A	Book study: A Christmas Carol Outcomes: Silver Component 2- Exploring – Reading and understanding texts from different time periods and writing adventure stories. UAS 113587 Study of the novel A		Book study: Sherlock Holmes- short stories/ The Curious Incident of the Dog at Night time - Play. Outcomes: Silver Component 1- Detectives- taking part in a police investigation, discussion task, reading and		Book study: The Hero next door/ Kenny Wright Superhero Outcomes: Silver Component 2-	Book study: Class choice. Outcomes: Silver Component 1- Leisure- developing

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	Christmas Carol- comparison of book and film – entry level		comprehending a range of non-fiction texts and writing a factual police report. UAS 92258 Writing simple reports - entry level		Heroism – reading- inference and comparing texts. Creating own comic UAS 105607 Composing and writing a simple story - entry Level	speaking and listening skills, identify language and presentational skills, writing a thank you letter about a leisure activity UAS 10038 English reading Leisure-reading about leisure activities - entry level
Maths	Number E1 Count reliably up to 20 items Read, write, order and compare number up to 20 including zero Complete a number line up to 20 E2	Four Operations E1 Add two whole numbers with a total up to 20 Subtract one number up to 20 from another Understand and use the + and – signs to solve simple number problems	Geometry E1 Recognise and name squares, rectangles, triangles, circles, and cubes Compare and order a group of shapes or pictures or similar shapes of different size and recognise	Measure E1 Compare lengths, heights, weights and capacities Give the length of a line drawn on a centimetre grid Describe capacity in fractions	Calendar Time E1 Know the days of the week and their order Read the time to the hour or half hour on an analogue clock and draw the hands on a clock to show these times Order familiar	Statistics E1 Sort and classify objects using a single criterion Interpret and draw conclusions from a list or group of objects Construct and interpret simple line graphs

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	<p>Read write, order and compare numbers up to 100 Recognise place value in two-digit numbers Count from 0 in steps of two, three and five Round numbers less than 100 to the nearest 10 Understand and identify odd and even numbers</p> <p>E3 Read and write numbers up to 1,000 Order and compare numbers up to 1,000 Recognise place value in three digit numbers Round numbers less than 1,000 to the nearest 10</p>	<p>E2 Add whole numbers with a total up to 100 Subtract one number up to 100 from another Multiply using single digit whole numbers Use and interpret +, -, \times and = in real-life situations for solving problems Recall and use multiplication facts for the 2, 5 and 10 multiplication tables</p> <p>E3 Add and subtract using three digit numbers Multiply a two digit whole</p>	<p>congruent shapes Use and understand positional vocabulary</p> <p>E2 Recognise and name shapes including pentagons, hexagons and octagons and identify a right-angled triangle from a set of triangles Recognise and name cuboids, pyramids and spheres Describe the properties of 2D shapes, including straight and curved edges Describe the properties of solids Understand</p>	<p>E2 Choose appropriate standard units of length, capacity and weight Compare and order lengths, capacities and weights in the same units Select a possible length, capacity or weight for a given item Measure or draw a length using a ruler Estimate the weight, capacity or length of given items</p> <p>E3 Add lengths, capacities and weights and compare the total to another total or a requirement</p>	<p>events</p> <p>E2 Know the seasons and months and their order Know that 1 week = 7 days; 1 day = 24 hours; 1 hour = 60 minutes; 1 minute = 60 seconds Read the time displayed on an analogue or 12 hour digital clock in hours, half hours and quarter hours and draw the hands on a clock or the digital display to represent these times Read the time to the nearest five minutes on an analogue clock, draw the hands</p>	<p>E2 Sort and classify objects using more than one criterion Collect information by survey Record results in lists, tally charts and tables Construct and interpret pictograms where one picture represents one item Interpret simple tables, diagrams, lists and graphs</p> <p>E3 Construct and interpret bar charts with the vertical axis scaled in ones</p>
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	<p>Round numbers less than 1,000 to the nearest 100 Find 10 or 100 more or less than a given number Recognise and use multiples of 2, 3, 4, 5, 8, 10, 50 and 100</p>	<p>number by a single digit whole number Divide a two digit whole number by a single digit whole number Use and interpret +, −, x, ÷ and = in real-life situations for solving problems Use inverse operations to find missing numbers Estimate the answer to a calculation Recall and use multiplication facts for the 3, 4 and 8 multiplication tables</p>	<p>angle as a measure of turn E3 Recognise and name prisms, cylinders and cones Draw lines of symmetry on shapes or pictures Recognise and draw nets of cubes and cuboids Identify whether an angle is less or more than a right angle Identify horizontal, vertical and parallel lines Denote the position of a point on a grid by its coordinates or</p>	<p>Convert standard units of length, capacity and weight Compare and order lengths, capacities and weights in different standard units Measure the perimeter of a simple shape Choose an appropriate measuring instrument Read values from an appropriate scale Read and compare temperature including temperature with negative values</p>	<p>on a clock to show the time, and read any time on a digital clock Find the difference between two times given in hours, half hours and quarter hours. E3 Solve problems involving time Know that there are 365 days in a year, 366 days in a leap year, 12 months in a year and 52 full weeks in a year Use a calendar and write the date correctly (day/month/year) Tell and write the time from an analogue clock, including using Roman numerals</p>	<p>or twos Construct and interpret pictograms where one picture represents more than one item Extract numerical information from lists, tables, diagrams and charts Complete a frequency table given the original list of results Complete a tally chart and the resulting frequency table Compare two or more diagrams Solve one-step and two-step problems based on statistical information</p>
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			<p>identify a point or item given its coordinates</p> <p>Use North (N), East (E), South (S) and West (W) to give directions or position from a map</p>		<p>from I to XII</p> <p>Understand and use the 12-hour and 24-hour clock systems and convert from one system to the other</p> <p>Convert between hours, minutes and seconds</p> <p>Add up to three lengths of time given in minutes and hours</p>	
Science	<p>Physics -</p> <p>AQA Unit awards; 75656</p> <p>Investigating forces and friction</p> <p>-Friction</p> <p>-Water Resistance</p> <p>-Air Resistance</p>	<p>Physics -</p> <p>AQA Unit Awards; 85613</p> <p>Exploring electricity</p> <p>Wiring a 3-pin plug</p> <p>111849</p>	<p>Chemistry -</p> <p>AQA Unit Awards; 110723</p> <p>States of matter: Physical changes of solids, liquids and gases</p> <p>113593 States of matter and their properties</p>	<p>Biology -</p> <p>AQA Unit Awards; 91412</p> <p>Using a microscope</p> <p>92940</p> <p>Preparing a slide to use on a</p>	<p>Biology -</p> <p>Science and the Plant World</p> <p>AQA Unit Awards; CE9044</p> <p>-Reproduction in flowering plants</p> <p>70359 – Introduction to plant biology</p>	<p>Biology -</p> <p>AQA Unit Awards; 81015</p> <p>Our bodies: Personal hygiene</p> <p>NT1019 Sex education</p> <p>-Personal Hygiene</p>

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	<ul style="list-style-type: none"> -Measuring forces -Weighing objects in air and water 	<ul style="list-style-type: none"> Exploring Electricity – Uses and safety -Everyday Electrical appliances -Electrical Circuits -Insulators and Conductors -Switches -Circuits and Symbols -Wiring a plug 	<ul style="list-style-type: none"> -Solids, Liquids and Gases -Three States of Water -Evaporation Investigation -The Water Cycle 	<ul style="list-style-type: none"> microscope -How to use a Microscope -Using Slides -Preparing an unstained Red Onion Cells for a Microscope slide -Observing Plant and Animal Cells 	<ul style="list-style-type: none"> -Parts of a Plant/growing well -Plant Life Cycle and making new plants -Animal and plant cells? -What is Photosynthesis? 	<ul style="list-style-type: none"> -Puberty -Human Reproduction -Where do babies come from? -Talking about sex
Computing	<ul style="list-style-type: none"> Programming AQA Unit Awards; 111747 Introduction to 	<ul style="list-style-type: none"> Online AQA Unit Awards; 11051 ICT: Using the 	<ul style="list-style-type: none"> Online safety AQA Unit Awards; 110312 Using the 	<ul style="list-style-type: none"> Multimedia. AQA Unit Awards; 113538 Digital photography: 	<ul style="list-style-type: none"> Data AQA Unit Awards; 108396 Simple data 	<ul style="list-style-type: none"> Data AQA Unit Awards; 11041 ICT: Using a

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	<p>coding using Minecraft</p> <p>Students will use their coding skills to complete scenarios. They will use sequences, loops and 'what/if' commands.</p>	<p>Internet</p> <p>Students will use their online skills to use hyperlinks and web pages confidently.</p>	<p>internet safely</p> <p>Students will understand how to be safe when using the internet and methods on how to protect themselves, giving specific examples of what might occur and how to prevent this.</p>	<p>editing images</p> <p>Students will photograph and digitally manipulate photos learning skills similar to Photoshop.</p>	<p>handling</p> <p>Students will handle data and create a presentation based on this in some detail.</p>	<p>spreadsheet</p> <p>Students will use the skills they have learnt to collect data, and then present it in a tale, using formulae to find totals.</p>
History/ Geography	<p>History (enquiry) How has transport changed over time?</p>	<p>Geography (Spatial awareness) Local community-map reading and understanding signs around us.</p>	<p>History (Wider World) The Slave Trade and the role of Britain.</p>	<p>Geography (UK) Energy sources-renewable/ non-renewable.</p>	<p>History (British) Castles/ Black Death and link to pandemics today e.g. Coronavirus.</p>	<p>Geography (Environmental issues) The effects of tourism on places.</p>
Art/DT	<p>Pupils will study for the AQA Entry Level qualification and learn about photography. The theme is "Reflections and</p>	<p>Pupils will design and make a fabric bag. They will use a paper pattern and a sewing machine to</p>	<p>Pupils will learn to make a functional wooden bird box.</p> <p>Pupils will learn to measure and</p>	<p>Pupils will learn about Pop Art and the artists Roy Lichtenstein and Andy Warhol. They will create art work inspired by</p>	<p>Pupils will learn about the safe preparation and storage of food. They will learn about causes of food poisoning and the</p>	<p>Pupils will view and analyse the work of Graffiti</p> <p>Artists such as Banksy and</p>

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	Distortions". Pupils will view images made by professional photographers and learn to manipulate photographs using technology, reflections and shadows	complete the task	saw wood and use a drill	the movement and incorporate photography and collage into their work.	importance of temperature control whilst cooking and storing food. Pupils will cook food and learn about different foods suitability for freezing	Stik. They will experiment with different styles of calligraphy and make their own examples of graffiti style art.
RE	A study of a place of worship. Researching and visiting different places of worship.	Visiting a local Church Understanding Christian practises with assistance. Investigate different services that happen in Churches.	RE: Celebrations	Introduction to Islam festivals.	Understanding Buddhist teachings with assistance.	Introduction to Judaism. Judaism festivals.
PSHE (and citizenship)	Alcohol, Drugs and smoking. AQA – 110514 AQA – 13004 111408 Introduction to	Bullying and its effects. Emotional wellbeing and healthy lifestyles.	Staying safe and my rights. AQA – 108878 AQA – 79223	Young people and the criminal justice system. AQA - 70310	Aspects of youth indentity. AQA - 75373	Relationships and consent. Healthy relationships and positive life choices.

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	Citizenship	AQA – 105377 AQA – 110231 AQA – 108675				AQA – 108823 AQA - 83834
PE	Basic Basketball Skills AQA 71401	Introduction to hockey AQA 82787	Playing tag rugby (FL) AQA 114028	Basic Handball Skills AQA 71306	Introduction to tennis AQA 70476	Athletics (Unit 1) AQA 84821 Taking part in health related fitness AQA LE1658
Outdoor education	Pupils will engage in a range of different outdoor education experiences over the year. Parents will receive separate information around these.					
Careers	Exploring the world of work Students will find out what a job is and about different employment opportunities. They will find out about who can	Working together Students will learn how to work as a team and take part in a job-related project.	Volunteering Students will learn about the people who look after our local area. They will find out about volunteering in the local community and take part in a community and	Catering skills in a mini enterprise. Students will find out about jobs in catering and learn skills to run their own mini enterprise.	Customer service skills Students will learn about good and bad customer service. They will practise their customer service skills in a variety of role play settings.	Working in the leisure industry Students will find out about jobs in the leisure industry. They will visit a leisure centre to see these jobs in practise.

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	help them with future career choices.		take part in a project to improve the school environmental project.			
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Year B- Frome Formal Learners KS4	Term 1 Where am I?	Term 2 World War 1	Term 3 Save the world	Term 4 American West	Term 5 Around the World	Term 6 Personal Study area
<p>English Upper Set year B</p>	<p>Book study- TBC Outcomes: GCSE- Understanding non-fiction texts and identifying presentational features and their impact. Completing speaking and listening Presentation Hobbies – Component 1 – Silver and Gold- developing reading skills non-fiction and writing factsheets for a favourite hobby. Developing debate and presentation skills</p>		<p>Film/ book study: Bend it like Beckham Outcomes: GCSE- Reading and understanding use of and impact of language choices and developing descriptive writing skills. Sport – Component 2- Silver and Gold level- developing reading skills and understanding use of language in texts. Writing sports fiction story and building tension in stories.</p>		<p>Book study: TBC Outcomes: GCSE Exam Prep- revision on Paper 1 and Paper 2 tasks and how to answer the questions effectively. Completing and remaining Step up work</p>	<p>Book study: Pupils' choice Outcomes: The Next Step – Component 1- Silver and Gold level-Developing interview skills, recalling information from adverts, prospectuses etc, writing a job application.</p>
<p>English Lower set year B</p>	<p>Book study- TBC Outcomes: Hobbies – Component 1 – Silver - developing reading skills non-fiction and writing factsheet/blog for a favourite hobby. Developing debate and presentation skills UAS 76143 Designing a poster for</p>		<p>Film study: Bend it like Beckham Outcomes: Sport – Component 2- Silver and Gold level- developing reading skills and understanding use of language in texts. Writing sports fiction story and building tension in stories. UAS 105468 Responding to a film (and comparing this to everyday</p>		<p>Book study: TBC Outcomes: Completing and remaining Step-up coursework UAS 106982 Writing to inform, explain</p>	<p>Book study: Pupils' choice Outcomes: The Next Step – Component 1- Silver level- Developing interview skills,</p>

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	a favourite hobby- entry level UAS 86899 Expressing personal likes and dislikes- entry level		life)- entry level		and describe- writing for a range of purposes- entry level	recalling information from adverts, prospectuses etc, writing a job application. UAS 85122 World of work: applications and interviews- entry level
Maths	Number	Four Operations	Ratio E1 Understand equality Identify or show one half of a quantity up to 20 Work out half of an even number up to 20 E2 Identify or show one third or one quarter of a quantity up to 24 Work out one third or one quarter of a number up to 24 Count in fractions of one half or one	Measure	Calendar Time	Money Recognise coins and notes up to £20 Exchange money up to 20p for an equivalent amount in other denominations Add up to 20 coins E2 Appreciate the purchasing power of amounts of money (coins) Convert from pence to pounds and vice versa

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			third or one quarter Work out amounts two, three or four times the size of a given amount Recognise the equivalence of $\frac{1}{2}$ and $\frac{2}{4}$			Make amounts of money up to £2 from given coin Make amounts of money in multiples of £5 from £5, £10 and £20 notes Calculate with amounts of money in pence up to £1 and whole pounds up to £100 and give change E3 Appreciate the purchasing power of amounts of money (notes) Exchange notes for an equivalent value in coins Use decimal notation for money Interpret a calculator display Solve real life problems involving what to buy and how to pay Add amounts of money and give change
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						Carry out investigations involving money
Science	<p>Physics</p> <p>AQA 105171</p> <p>Light and sound</p> <p>-Light – Reflection and Refraction</p> <p>-Spectrum</p> <p>-Sound – vibrating</p> <p>-Sound- Higher and Lower</p> <p>-Light and Sound waves</p> <p>-Hearing Loss</p>	<p>Biology</p> <p>AQA 73765</p> <p>Habitats and shelters</p> <p>AQA 72592</p> <p>Exploring and studying the countryside and city parks</p> <p>-Local Habitats</p> <p>-Shelters for humans</p> <p>-Shelters for</p>	<p>Physics</p> <p>AQA 82600</p> <p>Launching a water powered rocket</p> <p>-Rocket experiments</p> <p>-Far Flying Paper Rockets</p> <p>-Water Rocket</p> <p>-Diet Coke and Mentos Rocket</p> <p>-Baking soda and Vinegar</p>	<p>Chemistry</p> <p>AQA 113594</p> <p>States of matter and their properties</p> <p>AQA 113701</p> <p>Chemistry:</p> <p>-Materials and states of Matter</p> <p>-Solids, Liquids and Gases</p> <p>-The Particle Model</p> <p>-Changing States</p> <p>-Mixtures</p> <p>-Solubility</p>	<p>Biology</p> <p>AQA 95387</p> <p>Drug Awareness</p> <p>-Healthy choices</p> <p>-Dangerous/ harmful substances</p>	<p>Biology</p> <p>SRE (Sex Ed.; puberty, pregnancy and birth)</p> <p>AQA 110438</p> <p>Human Reproduction</p> <p>-Human reproduction – recap</p> <p>-Changes in boys</p> <p>-Changes in girls, including Menstrual Cycle</p>

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		<p>animals</p> <p>-Countryside and City Parks – Local Parks</p> <p>-Countryside and City Parks – City Parks</p>	<p>Rocket</p> <p>-Sugar Rocket</p>	<p>-Evaporation</p>		
Computing	<p>AQA 71637</p> <p>Programming with scratch (unit 5)</p> <p>Students will use their programming skills to create a fully working game that they can play.</p>	<p>AQA 105728</p> <p>Using formulae in excel</p> <p>Students will build on the skill of using a formula in excel to create results that they can analyse.</p>	<p>AQA 110100</p> <p>Internet safety (unit 3)</p> <p>Students will discuss e-safety in detail, listing risks and specific contacts online who they can contact if they feel unsafe.</p>	<p>AQA 112676</p> <p>Research and presentation skills</p> <p>Students will research online and then present their work to each other, using their topics or interests.</p>	<p>AQA 113426</p> <p>Digital animation</p> <p>Students will use photography and applications to create animations which they can then publish.</p>	<p>AQA 99835</p> <p>ICT: Designing a board game</p> <p>Students will use Microsoft Word to create a board game with instructions and graphics.</p>

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<p>History/ Geography</p>	<p>Geography (Spatial awareness) Understanding where we are in relation to the rest of the world</p>	<p>History (British History) World War 1- life in the trenches</p>	<p>Geography (environmental issues) How can we make the world a better place? Fair Trade, recycling etc.</p>	<p>History (Wider world) American West</p>	<p>Geography (Non-UK) Own choice of a country to study and research</p>	<p>History (enquiry) Personal study into an area of historical interest.</p>
<p>Art/DT</p>	<p>Pupils will study for the AQA Entry Level qualification and learn about the artwork produced by Aborigines. They will learn about Aboriginal beliefs and culture and make traditional designs for boomerangs and others that resemble ceremonial sand paintings.</p>	<p>Pupils will learn to analyse a selection of moving model cars. They will design and make a car that can be propelled with a rubber band.</p>	<p>Pupils will learn how to organise and prepare food for a specific function. They will make lists of ingredients and quantities and also design a menu. Pupils will make the food that they have chosen for the event.</p>	<p>Pupils will analyse self-portraits created by famous artists such as David Hockney, Frida Kahlo and Vincent Van Gogh; learning about what the artists were trying to convey. The pupils will then make their own mixed media self portraits</p>	<p>Pupils will learn about the ways that fabric can be embellished, for example by using fabric crayon, embroidery and printing. They will then decorate fabric that can be made into bunting</p>	<p>Pupils will find out about how products can be evaluated in different ways. They will then study an existing product, such as a breakfast cereal and compare a selection, identifying strengths and potential problems with the product</p>

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PSHCE (And citizenship)	Money skills and shopping for food in a supermarket. AQA 70311 AQA 98532	Weekly budgets and shopping economically. AQA 83238 AQA 86346 OR Humans as organisms. LE2825	Planning, shopping and preparing a meal. AQA 77171	Career options. AQA 70285 Child development and child health. AQA 12276	Investigating work, learning and training opportunities	Applying for work and learning opportunities.
PE	Basketball AQA 71303	Hockey skills Unit 2 AQA 70330	Introduction to tag rugby AQA 99955	Introduction to Handball AQA 77631	Basic tennis skills Level 1 AQA 76990	Athletics (FL) AQA 96358 Introduction to circuit training AQA 73040
Outdoor Education	Pupils will engage in a range of different outdoor education experiences over the year. Parents will receive separate information around these.					
Careers	Making informed choices Gaining an understanding of options available	Employer encounters Students will have the opportunity to meet employers and find out	Exploring job opportunities Students will have the opportunity to explore their dreams, skills	How to apply for work and college Students will learn how to apply for jobs and college	Preparing for employment Students will meet with careers advisors	Preparing for interviews Students will continue to develop the skills needed for to apply for jobs.

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	post year 11. Students will have the opportunity to find out and begin to prepare for college and employment.	about the world of work.	and qualities. They will find out more about the job opportunities available to them by meeting employers.	courses.	and find out about the support available to them. They will then practise creating a CV and have the opportunity to visit a job centre.	They will learn how to prepare for and be supported to take part in a mock interview.
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