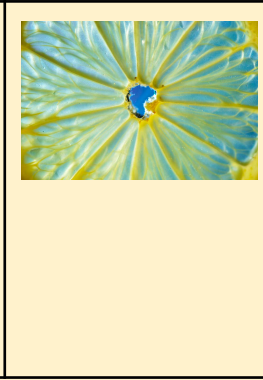
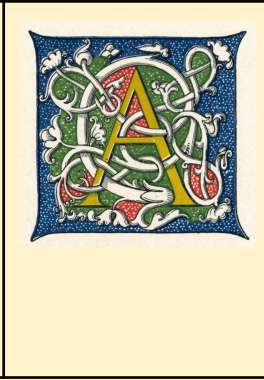
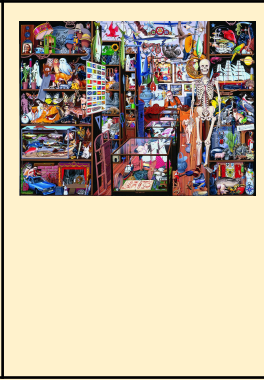
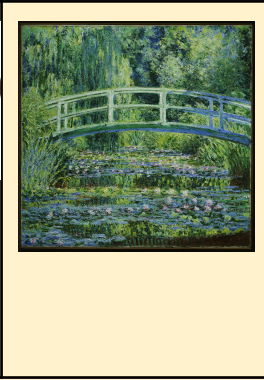
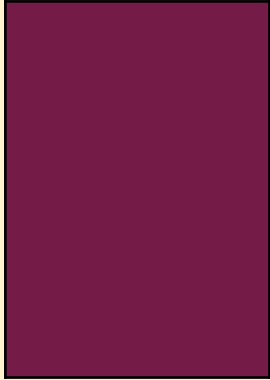




Bredon School

Year 7 Curriculum Map

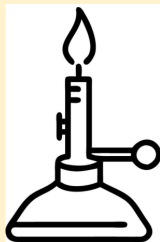
Subject	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Catering	Start of term focus on kitchen safety and knife skills.	Pupils will make a dish from scratch that could go into a snack pot	The final dish will be their practical assessment piece, where they can show off what they have learnt and showcase their creativity.	Alongside the practical skills, the pupils will cover food hygiene, health and safety, healthy eating and ingredient knowledge.	 	
Art	Students will look closely at the work of Monet, exploring his use of mark and colour and completing experiments in a range of mediums.	Using their experience and skills gained in the previous half term, students will collaborate on an enlarged version of Monet's painting.	Students will look at the use of symbolism, creating an enlarged letter which celebrates a range of illustrated objects.	Students will develop their work on symbolism in an illuminated letters project, developing skills in working with clay.	Students will be taking a close up view on the world through macro-photography. They will then develop their images into silk paintings.	Continuing their theme of looking at the world close-up, students will develop larger mixed media pieces around their chosen object.



Science

Science

introduction- Lab safety. Pupils gain their Bunsen burner licence.



Chemistry - "Matter" to include: The particle model, States of matter, Changes of state, Diffusion, Gas pressure and Invisible particles.



Chemistry

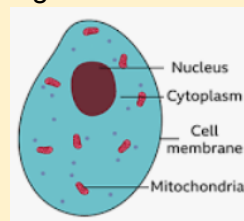
"Matter" to include: Separating mixtures, Solutions, Solubility, Filtration, Evaporation, Distillation and Chromatography.



Physics "Forces" to include: Introduction to forces, Balanced and unbalanced forces, Speed, Motion graphs, Gravity, Forces at a distance.

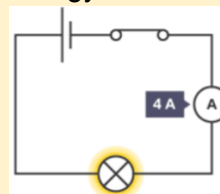
Biology

"Organisms" to include: Movement, Levels of organisation, The skeleton, Movement: joints and muscles. Cells to include: Observing cells, plant and animal cells, Specialised cells, Movement of substances, Unicellular organisms.



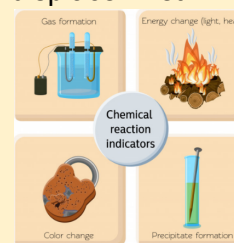
Physics

"Electromagnets" to include: Voltage and resistance, Current, Energy Costs, and Energy Transfer.



Chemistry

"Reactions" to include: Elements, Chemical reactions, Metals and non-metals, Metals and acids, oxygen and water, Metal displacement.



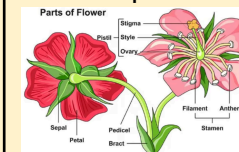
Chemistry

"Reactions" to include: Acids and alkalis, indicators and pH, Acid strength, Neutralisation and Making salts.



Biology

"Ecosystems" To include: Interdependence, Food chains and webs, Disruption to food chains and webs, Ecosystems, Competition, Plant reproduction, Flowers and pollination, Fertilisation and germination, and Seed dispersal.



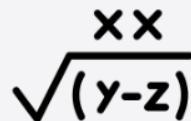
Mathematics

Ratio



The sequences topic covers observations and rules for number and picture sequences.

Algebra Notation & Equations



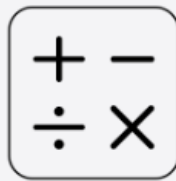
This introduction to algebra covers collecting like terms and solving linear equations.

Place Value & Ordering



This covers the understanding of place value and the ability to compare and order large numbers.

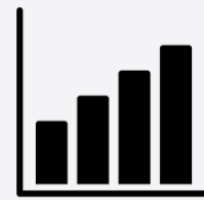
Four Operations



This covers the Order of Operations (BIDMAS)

Statistics - Averages

Graphing Data



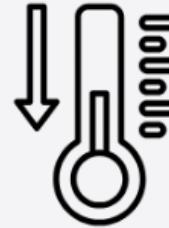
This explores different types of diagrams and charts for displaying data

Fractions, Decimals & Percentages



This important topic develops understanding of equivalent fractions, decimals and percentages.

Directed Number



This develops understanding of numbers below zero and how to calculate using positive and negative numbers

Fractions & Percentages of Amounts



This allows us to perform calculations with fractions and percentages of amounts.

Perimeter &

Speed Distance & Time



This develops understanding of speed calculations and interpreting distance-time graphs.

Properties of Number



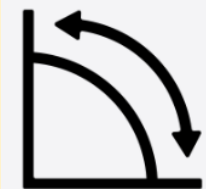
Here we explore special numbers such as primes, square and cube numbers and work with Highest Common Factors and Lowest Common Multiples

Add & Subtract Fractions

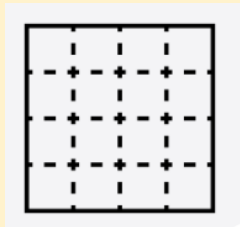


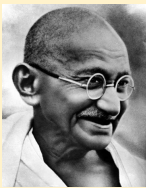
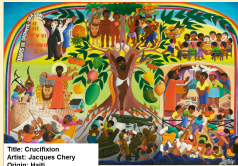
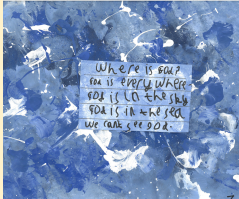
This topic develops understanding of how we calculate with fractions using equivalence.

Angles & Polygons



Here we explore angle facts and different geometric problems with angle calculations.

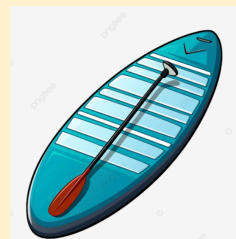
		 This explores the different types of average for analysing statistical data.		Area  This explores both the perimeter and area of "D shapes such as rectangles, triangles, parallelograms and trapezium.		
Geography	Geography Uncovered Geography Uncovered introduces the relevance of the subject using real life examples and its key terminology. For example, Physical, Environmental and Economic Geography case studies are explored.	Where We Live This topic is focused on the Field Work techniques that pupils will practise at Upton-Upon-Severn. Following the collection of information and data, pupils will explore different data presentation techniques and analysis skills.	Maps and how they are used The majority of the unit is then completed with the aim for all pupils to become 'OS map masters'. Students will learn and practice how to give accurate grid references, distances and landscape interpretation	It's Your Planet The topic requires pupils to investigate how both Earth and Humans got here! Human migration.  Pupils will gain knowledge of how humans have migrated, begin to understand the	World Ecosystems Giant ecosystems are called 'Biomes'. Pupils begin exploring Biomes by locating them on maps and then investigate key features of Tropical rainforest, adaptations and the main challenges this special ecosystem faces.	World Ecosystems Other fragile biomes are investigated. These include Hot Deserts, Cold Deserts and Coral Reefs. Physical and Human causes of their degradation are studied with a view to describing their sustainable management.

RE	‘What is belief?’ 1 Delves into different religious beliefs such as Christianity, Islam and Hinduism as well as non-religious views such as humanism. This will act as a foundation for further study into their next topics on Stewardship and Hinduism.	‘What is belief?’ 2 Students solidify their knowledge and understanding by applying how different religious groups go about making moral decisions. 	Stewardship 1 In this unit students will explore different religious attitudes to environmental conservation. Students will work towards the understanding that Stewardship is the belief that the world is a gift from God. Humans have a responsibility to care for it for the next generation.	Stewardship 2 To follow, students explore the works of Mahatma Ghandi, Environmentalism through the work of Greenpeace and different religious attitudes towards Stewardship.  	Religious Art 1 This topic introduces students to the rich and diverse ways different religions express their beliefs and values through art. Such as, stained glass windows, contemporary interpretations, Islamic calligraphy etc.  Title: Crucifixion Artist: Jacques Chery Origin: Haiti	Religious Art 2 Students continue their learning whilst preparing for their artistic contributions for the Spirited Arts Competition.  
Drama	Basic Stagecraft 1 Students study basic stagecraft and theatrical styles, building confidence through dynamic warm-ups and	Basic Stagecraft 2 Students become more independent in their performance work, creating pieces in small groups for	Ancient Greek Theatre  To complement	Monologues and Duologues Exploring short script extracts from modern plays to develop inference, interpretation and collaboration	Group Script The class will work together on bringing a short scene to life, including planning make-up, costume and set design. They will learn about auditioning, casting, line learning techniques, blocking and achieving clear narrative and characterisation through rehearsal.	

	teacher-led performance work 	performance to the class using terminology learnt last term to evaluate their own and others' work. 	learning in English, students learn about the culture of Ancient Greek Theatre Festivals and explore the plays "Lysistrata" and "Antigone" through extracts, improvisations and choral speaking.	skills. Pupils will work towards creating their own monologue or soliloquy for performance to the class at the end of the term. 		
Farm	Identify 5 risks during a practical farm lesson Pupils will learn to recognise different risks we have on the farm and ensure they know how to be safe whilst carrying out farm duties. Assessed verbally. 	List 3 ways to minimise the risks on the farm Pupils will be able to describe how we minimise risks whilst out on the farm including the use of PPE, safety using tools and handwashing.	Make simple comparisons between feeding and accommodation needs of 3 types of livestock. Pupils will work practically with a range of animals on the farm and learn to describe the requirements of each of them.	Assist with feeding a range of animals on the school farm. Pupils will work with all of the animals on the farm learning about their feeding requirements and the equipment needed to feed them	Assist with cleaning out a range of animals on the school farm. Pupils will help with a range of activities on the farm and this will include cleaning out their accommodation, selecting and preparing suitable bedding.	Participate in team working Pupils will carry out a range of practical activities throughout the year, working together as a team to get tasks on the farm complete. 

						
Games	Our major team sports in the Autumn term are rugby and hockey. All pupils will be learning core consents associated with the games. 	We continue with rugby and hockey in games through the second half of the Autumn term. By this stage of the academic year we anticipate that a greater proportion of pupils will be confident to play within competition and we will schedule additional fixtures accordingly. 	As we move into the Spring term we progress to football and netball as our major team sports. 	We continue the Spring term with football and netball as our major team sports. 	In the Summer term our focus shifts towards cricket. Both hard ball and soft ball fixtures will be scheduled depending on the confidence of pupils within the group. 	Whilst we continue our focus on cricket in the second half of the Summer term, we also take any spare opportunity within sessions to prepare pupils for the upcoming track and field events within Sports Day. 

Outdoor Education	Students begin the year developing confidence and resilience on the outdoor climbing wall. They learn fundamental safety procedures, equipment use, and climbing techniques such as balance, grip, and route planning. The focus is on building trust, perseverance, and supporting one another while setting personal challenges and goals.	Learning continues with archery, where students are introduced to range safety, correct stance, and shooting technique. They practise accuracy, control, and consistency while developing patience and concentration. Opportunities are provided for personal improvement and friendly competition, helping students build confidence and self discipline.	Students move into mountain biking within the school grounds, focusing on core riding skills such as balance, braking, gear control, and manoeuvring. Emphasis is placed on safety checks, awareness of surroundings, and developing independence while handling the bike across varied terrain.	Mountain biking progresses beyond the school site as students apply their skills on a range of local routes. They build endurance, decision making, and route awareness while experiencing different environments. Teamwork, responsibility, and risk awareness remain key elements throughout this unit.	Students transition into the swimming pool environment where they are introduced to stand up paddleboarding. They learn water safety, board control, balance, and basic paddling techniques. Activities focus on confidence in the water, coordination, and adapting to a new and dynamic setting.	The year concludes with kayaking, building on prior water based learning. Students develop paddling techniques, steering, and control while improving teamwork and communication through paired and group activities. The unit encourages independence, resilience, and enjoyment of outdoor and adventurous activities.
Physical Education	In the first half term we look to	As we progress to net sports we	Through gymnastics our	Through striking and fielding	Through athletics we are looking to	In the final half term of the



	develop confidence in how we can train our bodies to improve cardiovascular fitness, muscular endurance whilst also developing coordination and flexibility. 	focus our efforts on developing coordination whilst also looking at how to overcome opponents through badminton. Throughout this unit we maintain a focus on including strengthening and mobility movements in every session. 	efforts are to develop their technique and improve their performance in other competitive sports. Mastering new skills and overcoming challenges like vaulting are great for developing coordination and confidence. 	games we prioritise developing the skills associated with batting, bowling and fielding. Some of these lessons will take place within the cricket nets enabling pupils the opportunity to hone their skills in preparation for the summer. 	support pupils in analysing their performances across a range of events compared to previous best efforts to demonstrate improvement In their performance.   	academic year we move onto the tennis courts on the astroturf. During these lessons we do continue to allow those pupils that are preparing for sports day events the opportunities required for additional training.
IT	Digital Voices Students are introduced to the school's IT systems and safety protocols. They then explore how to use digital media to create clear, impactful messaging,	Spy School In this data-driven unit, students take on the role of "secret agents" to master spreadsheets. They learn how to organize complex data, use basic formulas, and	Media for a Cause Students identify a social or environmental issue they feel strongly about. They learn to select the most appropriate software	Shark Attack! This unit introduces block-based programming through Scratch. Students apply computational thinking to design, code, and test an interactive	Computer Basics Students "look under the hood" to explore the physical components of a computer. They learn about internal hardware like the CPU,	App Development Using Code.org's App Lab, students transition into mobile software design. They learn the basics of User Interface (UI) design and event-driven

learning how to combine text and imagery to communicate effectively with an audience.



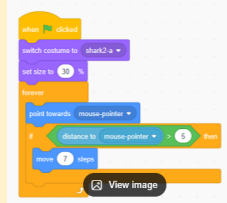
create charts to decrypt information and solve logical problems.



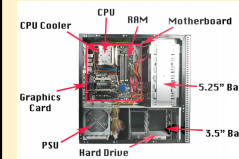
applications and advanced tools to design a professional campaign that raises awareness and advocates for change.



"Shark Attack" game, focusing on variables, loops, and user-input controls.



RAM, and hard drives, understanding how these parts work together to process and store data.



programming to build and prototype their own functional mobile applications.

