

The Avon Valley School – Year 7 Curriculum

	Autumn		Spring		Summer	
English	Identity and Place: A non-fiction travel writing unit where pupils explore the conventions of the genre through a range of descriptive and informative extracts.	Identity in poetry and spoken language: This unit explores identity through poetry and spoken language using a diverse collection of texts spanning time periods and cultures.	Identity in the modern novel: An in-depth study of 'The Ruby in the Smoke' where we encounter a female protagonist in Victorian England seeking to find out more about her roots and identity		Shakespeare's Romeo and Juliet: Students have the opportunity to study a full Shakespeare play focussing on the themes of relationships, identity and conflict.	
	All of these areas are delivered in small parts, no more than a couple of weeks in duration. All topics are interrelated and constantly refer to others. Each topic will consist of problem solving, challenge and hence a need for resilience. Alongside this is a constant need to recall basic facts and revisit older topics. All topics can be studied and practised on www.drfrstmaths.com					
Maths	Whole Numbers & Decimals Measures, Perimeter and Area Expressions and Formulae Fractions, Decimals and Percentages	Adding and Subtracting Fractions, Decimals & Percentages of amounts Angles and 2D Shapes Negative Numbers Co-ordinates	Rounding Statistics Equations Graphs	Mental Maths Factors and Multiples Transformations Whole Number Calculations 2D Shapes and Perimeter Symmetry and Transformations Constructions	Transformations Percentages Multiplying and dividing Sequences Constructions and 3D Shapes	3D shapes Decimal Calculation Ratio and Proportion Probability
Science	Transition 'Becoming a scientist': Introduction to Scientific approaches	Forces 'May the force be with you': Types and effects of forces.	Organisms 'Under the microscope': Cell ultrastructure. Learning how to use a light microscope to observe cells. Matter 'Particles Matter' - change of state, through practical work.	Energy - 'Renewables.... We're big fans': Stores, energy transfers and the law of conservation and renewable and non-renewable energy resources. Genes 'One born every minute': Human reproduction and sexual reproduction. Reactions 'Potions': Identify common acids and alkalis through practical activities. Neutralisation. Electricity 'Bright Sparks': Investigate how different materials interact with a magnetic field; electrical circuits and building circuits.	Ecosystems 'Circle of life': Ecosystems and their environment through many different examples. Earth 'It's time to cut carbon': The carbon cycle; The greenhouse effect and climate change; Human impact on our climate.	
History	What is History?: Skills needed to be a good historian. Students start to learn and apply historical second order concepts such as inference, sources analysis, causation and interpretation.	Medieval England: The Norman conquest and the changing nature of power between church and crown. The cause and impact of the Black Death.	The Tudors: Reformation, the Spanish Armada, and Elizabethan exploration. Students are encouraged to make connections and links between the changing relationships between monarchy, Church and power.		The Stuarts: The English Civil War and the shifting nature of power from monarchy to parliament and democracy. Within this framework, students will learn about the New Model Army and evaluate interpretations of Oliver Cromwell .	
Geography	Our Amazing World: This topic introduces 'geography' and focuses upon some of the World's most beautiful and precious environments and habitats.	Who are we?: An in-depth study of the physical and human geography of the UK. Students will develop a range of maps skills throughout this topic.	Settlement: How Rugby has grown and changed over time, and evaluating the challenges of locating new housing developments sustainably.	Rivers and Us: River processes and landforms and the causes, consequences and responses to river flooding.	Amazing Places - Cold Environments: Student's apply knowledge learnt in the 'Our Amazing World' and 'Rivers and Us' topics to become polar specialists, gaining an understanding of our vulnerable, dangerous and beautiful cold environments.	

Religious	How can I make sense of religion?: Students will attempt to answer the big question of how the world came to be. They will look at a variety of views, both scientific and religious, and use these to help form their own view.	Christianity: An introduction to the beliefs and practices of Christianity. Students will study the key features of Christianity, and what it means to be a Christian in today's society.	Islam: An introduction to the beliefs and practices of Islam. Students will study the key features of Islam and what it means to be a Muslim in today's society.	Buddhism: An introduction to the beliefs and practices of Buddhism. Students will study the key features of Buddhism and what it means to be a Buddhist in today's society.	Religion and Art: Comparing views on religion through art. Students will study how religion uses art to express beliefs, and create their own piece of religious art using knowledge gained from the year.	
French	Moi et Ma famille: Students will analyse grammatical terminology to discuss linguistic concepts and experiment with basic everyday language (greetings, number, days, months). They will explore and embed adjectives to communicate simple information about themselves, their family and pets.		Ma Ville: Students will communicate information and opinions on their town/village and house, the main differences between settlements in the UK and Francophone countries.	Mes passe-temps: Students will learn about different sports, talk about likes and dislikes, and communicate information about future activities by accurately using the near future tense.	Mon Collège: Students will communicate likes, dislikes and simple opinions on their studies, teachers and school. Students will also revisit numbers so that they are able to tell the time in French and use this to outline their school timetable. Le Petit Nicolas Project : Enquiry into the richness and diversity of French life.	
Computing	Programming Part 1 - Scratch: Students will develop their understanding of basic programming, using scratch to work on sequencing and constructs, creating a game throughout the scheme.	Programming Part 2 - Python: After developing some understanding of programming in the first half term, students will develop their understanding by using 'Python' a textual programming language. The main focus will be on variables, inputs, outputs and IF statements.	Creative Project Part 1 - Adobe Fireworks: Students will use the digital tools within this software to create, develop, repurpose and manipulate images. They will create characters and text graphics to use in the second part of the Spring Term.	Creative Project Part 2 - iKit Movie and Stop Motion Animation. Using the characters and text graphics from the previous project, students will create stop motion animations, creating engaging narratives and characters.	Modelling data using spreadsheets Students will be introduced to data collection and analysis, considering data types & data sources, before collating data using calculations, formulas and formatting, presenting data as tables, graphs and charts.	How a computer works The key focus throughout the final half term will be on the devices that students interact with every day. They will consider which devices are responsible for input and output, whilst identifying peripheral and storage devices. There will also be a significant focus on algorithms & abstractions and the differences between binary and denary number systems in preparation for year 8.
DT - Textiles	Embroidery: An introduction to textiles, what they are, and where they come from. An introduction to specialist equipment & risk assessments. Learning how to create decorative stitches and sew on a button. Designing and making an embroidered bookmark.		Surface decoration: Designing and decorating a bag inspired by the day of the dead festival. Students will use painting/printing & surface decoration techniques. Students will also learn about Mexican culture.		Weaving: Weaving for fabric construction and decorative purposes, using a range of different yarns or found objects, such as paper/wool/string/plastics/ribbons/lace/etc.	
DT - Product design	Graphical Skills: Presentation and expression of ideas.	Health and Safety: Understanding the importance of health and safety in a workshop.	Manufacturing: Designing and creating a bird feeder, working to a set of instructions and using tools to assemble and finish a product.		Electronics - Design and manufacture a torch using electronic tools and equipment.	
DT - Food and Nutrition	Hygiene and Health: Students will become confident and familiar with the food room and know the 4C's of food hygiene. They will start with the eat well plate, and begin to explore the world of cooking.		Cooking Skills: Students will continue to develop culinary skills and techniques. They will learn how to weigh and measure, and expand their key vocabulary and nutrition knowledge.		Food and nutrition: Students will become proficient in a variety of practical skills and processes. They will demonstrate working safely and hygienically within a kitchen environment. Students will gain a deeper understanding of the importance of food in relation to health, and be able to apply this knowledge accordingly.	
DT - Art	Fish Project: Learning how to blend colours using different media, using patterns and decorations over different scales. Students are introduced to a range of new skills, techniques and materials.		Portrait Project: Learning how to draw faces and the different features in proportion and using a range of different styles inspired by artists.		Observational project: Learning the skill of drawing from objects placed in front of you. Knowing how to use tone, and experimenting with a range of different drawing styles.	
All curriculum topics are delivered throughout the year on a rotation system.						
PE	Games: Students develop individual skills and tactical awareness, as well as learning the principles of attack and defence, in a range of indoor and outdoor games activities.		Gym and Trampolining: Students learn the principles of body tension and are taught basic gymnastic skills. These skills and movements are then put to use on the trampoline.		Athletics/Safe Exercise/Orienteering: Students develop skills and performance in a range of athletic disciplines. In safe exercise, students understand the importance of a warm up and cool down, and begin to understand the different components to fitness. In orienteering, pupils develop the ability to read maps.	

Drama	Fairy Tales of a gothic genre: Students develop basic dramatic skills and terminology, based on exploring Fairy Tales with a twist.		Darkwood Manor: The exploration of atmosphere and tension. Students develop creative skills within the performance aspect, as well as gaining an understanding of Drama as a medium.	The Zorkons: The exploration of racism and discrimination within a safe context. Introducing character profiles and opinions. Students develop a social and historical understanding of Race, within a safe environment.		Face: How we as young people take risks, and how the result of this leads to consequences. The play also gets students to develop questions on the choices we make in life, and how we deal with them.
Dance	Superheroes: Basic choreography skills are taught, applied with support, and tested.		Nutcracker: Developing performance skills and choreographic skills focusing on relationships and space.	Computer dance: Developing both performance and choreographic skills whilst using the computer games idea as a stimulus.	Swansong: A focus on developing choreographic skills further, based on the choreographic intention of Swansong.	Indian Dance: A focus on both choreography and performance skills whilst students learn different styles of Indian dance.
Music	Musical Literacy: Students revise and further develop the theoretical knowledge required to study music in Key stage III. In addition, they will also further develop their singing and keyboard Skills.		Folk Music: Students will develop their knowledge and understanding of Folk Music as a “traditional” musical genre; explore the musical instruments, timbres and sonorities commonly associated with Folk Music performance.	Instrumental Music: Students look at all the instruments of the orchestra by family. They will be able to recognise instruments by sight, sound and have developed an understanding of their strengths and weaknesses. Students will further develop their keyboard skills by performing well known works for the instruments that they study.		Indian Music: Students will focus on instrument-based performance tasks but this time developing their ability to improvise a performance based on the traditions of Hindustani Classical Music. Students will also develop an awareness of the cultural and historical background of Indian music
PSHEE	Settling into AVS: Students will learn about life as a student at AVS, and where to get help and support if needed.	Growth Mindset: Students will learn about the concept of mindsets. They look at different mindsets and the impact of these on their learning.	Equality for all: Students will learn what is meant by equality, who faces inequality and what can we do to tackle inequality in society.	What do I want to be?: Students will learn what the labour market is, and potential careers available to them. They will also begin to learn how to manage money effectively.	What is a citizen?: Students will learn what a citizen is, what rights and responsibilities they have as a citizen, and compare rights in the UK to others across the world.	How to live a healthy and safe lifestyle - Mental Health/Risk/Safety. Students will learn what mental health is, where a person can go if they are struggling with their mental health, and keeping safe on the internet.