Year 7 Curriculum map 2020/2021

Subject	Objectives/End of year goals	Autumn	Spring	Summer
English	Reading - We seek to help pupils develop an appreciation and love of	Stories Matter	What's Love got to do with it?	Each of us is a book waiting to be written
	reading, reading a wide range of fiction	We will be reading extracts from	Text Focus: Much Ado About	
	and non-fiction including a wide	various literary periods through	Nothing by William Shakespeare	Text focus - Boy by Roald Dahl.
	coverage of genres including whole	the canon of World and English	- students will read analyse and	Students will explore the text,
	books, short stories, poems and plays.	Literature and applying our	discuss aspects of character,	focusing on the thoughts and
	They will critically read and understand	understanding to writing creatively	theme and setting	feelings of the writer.
	how language, vocabulary choice, grammar, text structure and	in class.	Reading Assessment: (Extract	Reading Assessment: (extract
	organisational features.	Reading Assessment:	focused task)	Focused task)
	organisational reactives.	Redding Assessment.	Joedsed tusky	Tocuscu tusky
	Writing	How does Dickens use vocabulary	Explore how Shakespeare	Analyse the presentation of
	Pupils need to write accurately, fluently,	and tone to portray his attitude	presents attitudes towards	captain Hardcastle
	effectively and at length and for a wide	towards Victorian England? (Oliver	women in Much Ado About	
	range of purposes and audiences,	Twist extract)	Nothing	Writing Assessment
	including but not limited to:			
	• Essays		Writing Assessment	Students plan and write a speech
	Stories, scripts, poetry and other	Writing Assessment	(Newspaper Article)	about boarding schools.
	imaginative writinga range of other narrative and non-	(Narrative writing)	Students write a news report	
	narrative texts	Writing a narrative (own short	focused on a key scene of the	
	Harrative texts	story).	play (The shaming of Hero in Act	
	Students will structure their writing and	,,	4)	
	select the appropriate form. They will			
	plan, draft, edit and proof-read,			
	considering how writing reflects the			
	audiences and purposes for which it			
	was intended.			

	Choose and perfect the vocabulary, grammar and structure of their writing to improve its coherence and overall effectiveness.			
Mathematics	Number topics students will- develop a greater understanding of	Understanding algebraic notation	Addition and subtraction	Constructing and measuring
	using a proficient method for using the four operations, including decimals.	Equality and equivalence	Solving problems with multiplication and division	Geometric reasoning
	They will be able to use rounding techniques to make accurate	Place value and ordering integers and decimals	Fractions and percentages of	Developing number sense
	estimations of a range of number questions and will be able to relate	Fractions, decimals and	amounts	Sets and probability
	these everyday real-life usage.	percentages	Four operations with directed numbers	Prime numbers and proof
	Geometry and measures topics	Place value and proportion		
	students will-		Addition and subtraction of	
	be able to find the area and perimeter		fractions	
	of a range of different shapes and be			
	able to recall the formulae for each			
	shape including circles. They will be			
	able to understand each of the			
	transformation rules and transfer this to			
	begin to describe transformation using			
	the appropriate language.			
	Algebra topics students will-			
	become confident in forming and			
	solving a range of different equations.			
	They will be able to extend this by			
	substituting values when constructing			
	both linear and quadratic graphs.			

	Ratio and proportion topics students will- understand clearly the difference between ratio and proportion and use			
	this to solve a range of worded problems to do with recipes and direct/inverse proportion.			
	Statistics topics students will- be able to use a range of different statistical diagrams to both process and represent data. Students will be able to understand the basics of probability, relating to real life scenarios.			
	Resources https://vle.mathswatch.co.uk			
Science	Pupils will have developed their practical skills throughout each term including their ability to draw and interpret graphs. Pupils will understand more about the	Pupils will study the following 3 topics in order in the autumn term (Biology, Physics and Chemistry). Pupils will be given a 45-minute test after each module studied to track their progress.	Pupils will study the following 3 topics in order in the autumn term (Biology, Physics and Chemistry). Pupils will be given a 45-minute test after each module studied to track their	Pupils will study the following 3 topics in order in the autumn term (Biology, Physics and Chemistry). Pupils will be given a 45-minute test after each module studied to track their progress.
	fundamentals and core skills in Biology, Physics and Chemistry through studying the various topics throughout the year and this knowledge will be built upon in	Cells - Pupils will be taught how to use a microscope and make a slide of plant/animal cells, life	progress. Reproduction - Pupils will learn about the structure of a plant,	Differences - Pupils will learn genetic and environmental differences and how the genetic
	year 8 to a higher level. Pupils in year 7 will	processes, animal and plant cells, cell specialisation, moving substances between cells,	pollination, fertilisation, seed dispersal methods, life in the	differences links to our DNA and genomes. They will be taught continuous variation, differences

978 htt: ZB-	vision/additional guidance. var 7: Textbook Science Works ISBN 78-0-19-915245-2 Link tps://drive.google.com/file/d/0B4Le0 8-tgW0N3E5S0o2d0ZMR2M/view eaching Content: udents will be taught to:	contraction, diffusion, gas pressure, dissolving, temperature and solubility. Autumn Term (half term 1):	and identifying a pure substance. Spring Term:	carbonates, acids and metals, acid rain. Summer Term:
978 htt	vision/additional guidance. var 7: Textbook Science Works ISBN '8-0-19-915245-2 Link tps://drive.google.com/file/d/0B4Le0	contraction, diffusion, gas pressure, dissolving, temperature	, , ,	
con spe and developed three end scie around the known was and the known was a known was and the known	evelop scientific knowledge and sinceptual understanding through the ecific disciplines of biology, chemistry and physics evelop understanding of the nature, ocesses and methods of science rough different types of science rough different types of science aduiries that help them to answer itentific questions about the world ound them equipped with the scientific rowledge required to understand the res and implications of science, today and for the future.	understanding the difference between cells, tissues and organs, learning different organ systems, understanding the human skeleton and biomechanics. Forces - Pupils will understand different types of forces and their effects, resultant forces, investigating floating and sinking, friction, stretching and hooke's law, speed, and distance-time graphs. Particles - Pupils will be taught about the particle model, the movement of particles, compression, density and how to investigate it in a practical way, changing state, expansion and	womb, IVF, structure of female and male reproductive systems. Energy - Pupils will learn what energy is, the different types of stored energy including chemical energy stored in food, energy supplies, using energy and energy bills. Elements - Pupils will learn about the different elements to include learning their symbols. They will then learn how compounds are made, the dalton atomic model, chemical symbols and formulae, separating mixtures through practical investigation, distillation, chromatography,	between species, vertebrates, biodiversity and survival. Heating and Cooling - Pupils will learn the difference between the terms hot and cold, how heat flows, thermal conduction, convection, emitting radiation, conserving energy and they will look at a space shuttle case study. Acids and Alkalis - Pupils will be taught about acids and hazard symbols, alkalis and indicators. Pupils will have the opportunity to make and use red cabbage indicator in the lab. They will learn about universal indicator and the pH scale, neutralisation, making salts, acids and

	isolation and in combination. - play in competitive games, modified if appropriate and to apply basic principles suitable for attacking and defending. - Develop flexibility, strength, technique, control and balance. - perform dances using a range of movement patterns, - to take part in outdoor and adventurous activities, - compare performances with previous ones and demonstrate improvements	Cricket Softball Athletics Autumn Term (half term 2): Rugby (tag rugby if necessary) Handball (Boys) Netball (Girls) Basketball Gymnastics	Hockey (Boys) Football Health Related Fitness / Outdoor Adventurous Activities	Rounders Cricket
PSHCE	All units will fall into the 3 categories below for KS3: 1. Health and Wellbeing including Drugs education 2. Living in the Wider World	Lesson time: British Values	Lesson time: Relationship & Sex Education (RSE)	Lesson time: Enterprise
	3. Relationships including Sex education (SRE) PSHCE helps students to develop the knowledge, skills and characteristics they need to manage their lives, now	Personal Development (Form time): Transition to Secondary school: Transition and personal identity	Personal Development (Form time): Diversity & valuing difference Healthy lifestyles	Personal Development (Form time): Relationships and Sex Education (RSE)

	and in the future. Preparing them for life and work in modern Britain. In their lessons student's complete topic specific 'My Progress' sheets and work towards their end of year target grades.	Healthy lifestyle Families		Online & the Media
Careers	Students will develop knowledge, skills and attitudes through a planned program of activities which will assist all students to make informed decisions about their study and/or work options and enable effective participation in their working life.	Careers (Form time): Exploring different job roles Who can help? What influences me? Roles that are successful	Careers (Form time): Exploring job roles Skills for life What is work Changes in the world of work Local job market information	Careers (Form time): Exploring job roles Creative thinking Target setting Review learning Looking ahead
Computer Science	Students will understand how to use technology safely and responsibly. Students will undertake creative projects using word processing, presentation, spreadsheet, and audio editing applications. Students will have an introduction to sequencing and other computer programming techniques.	Autumn 1 - E Safety. Students will learn how to stay safe online. Looking at social media, stranger danger, and cyber bullying Autumn 2 - Data Processing. Students will develop their word processing skills creating various projects in Microsoft Word, Microsoft Publisher, and Google Docs.	Spring 1 - Excel Spreadsheets. Students will create spreadsheet models in Microsoft Excel. We will look at formulas, functions, formatting, and graphs. Spring 2 - Sequencing. Students will be introduced to programming techniques and the idea of sequencing instructions to create an algorithm. Students will create procedures using logo and flowcharts.	Summer 1 - Small Basic Programming. Students will have an introduction to textual programming in Small Basic. They will cover input/output, variables, arithmetic operators, and selection statements. Summer 2 - Cyber Security. Students will have an introduction to cyber security looking at malware, social engineering techniques, and how to prevent cyber security attacks.
Geography	How does the UK link to the wider world?	Autumn Term 1	Spring Term 1	Summer Term 2

Students will gain an understanding and appreciation of democracy and global influence. Students will continue to develop as global citizens who can then take a valuable role in society. The topic also develops student awareness of current affairs.

Why is Planet Earth Fantastic?

Establishing awe and wonder and geographical skills whilst improving spatial knowledge of the world. These skills underpin the rest of the Geography curriculum.

What are the opportunities and challenges in Africa?

Building on their understanding of UK links with the wider world, students are introduced to the historical concept of colonialism. This enables us to address common misconceptions by discussing the wealth of resources available across the continent of Africa. Students are introduced to global climate biomes, population pyramids and shanty towns in a diverse topic.

Why are rivers important?

Students consider their responsibility as global citizens to ensure river resources remain unpolluted and evenly distributed for global populations to

How does the UK link to the wider world?

Where is England? (locations on a variety of scales)
What are the major landmarks in Great Britain? (human & physical)
Where do people in the UK live? (population distribution and density)

How are cities in the UK changing? (urbanisation and migration)
How has the economy of the UK changed? (industry sectors and development)

development)
How does the UK link with the EU?
(history and membership)
Was the EU a blessing or a curse?
(positives and negatives of EU
membership/post Brexit UK)
Why do people migrate to the UK?
(push and pull factors)
What global links does the UK
have? (globalisation)

Autumn Term 2

Why is Planet Earth Fantastic?

Compass directions in the Great Barrier Reef Latitude and Longitude in Russia 4 figure grid references in Rio de Janeiro

6 figure grid references at Victoria Falls

What are the opportunities and challenges in Africa?

What is the physical landscape of Africa like? (deserts, mountains, lakes)
How has Africa's past shaped it's present (colonialism)
How developed are African countries (development indicators, LICs, NEEs and HICs)
What is the pattern of climate and biomes across Africa? (climate graphs and rainfall patterns)
Where are the rich and poor

countries of the world? (causes of the development gap) What are the opportunities and challenges of population change? (rural to urban migration)

Is there a future for the Sahel? (desertification)
What are the opportunities and challenges of Malaria? (health

geography and prevention)
What are the opportunities and challenges of urbanisation in Africa? (living conditions in shanty towns)

Spring Term 2
Why are rivers important?

What challenges and opportunities arise from Global Issues? (Human)

Where is world conflict? (mapping distribution)
What are blood diamonds? (case study example of conflict)
What is crime? (categorisation)
What is organised crime? (case study example in the Amazon rainforest?

What is modern day piracy? (cause study example of Somalia) What is Dark Tourism? (positives and negatives of the industry) Where are diseases found? (mapping distribution) What is AIDs? (causes, effects and prevention)

What happened with Coronavirus? (decision making exercise)

Summer Term 3

What challenges and opportunities arise from Global Issues? (Physical)

What is the evidence for climate change? (historical evidence and the greenhouse effect)
What are the effects of climate change? (global impacts)

access. Students are introduced to key physical processes including erosion, transportation and deposition which are embedded into physical geography within Years 8 and 9.

What challenges and opportunities arise from global issues?

The topic tackles human impacts on society via health, crime and conflict geography alongside human impacts on the environment via climate change, plastic oceans and Antarctica. Developing their responsibility as a global citizen, and their understanding of the scale of the impact of humanity on the environment. Introducing the key concept of sustainability which underpins many topics in Geography.

In all topic's students will collect data and communicate findings in different ways; sketches, maps, graphs and writing at length. Fieldwork skills will be developed by carrying out an OS map activity within Stotfold town centre, infiltration investigation around the school site and rivers investigation within Etonbury Woods.

Measuring height at Mount St Helens Measuring distance in Antarctica Measuring distance along the Ganges River Map Skills in Stotfold What is the water cycle? (processes of water movement and change of state) How does water get from the source to the mouth? (long and cross profiles) How do rivers change from source to mouth? (erosion and transportation) How do rivers shape the land? (formation of features) Why do rivers flood? (natural and human causes) How can we manage floods? (soft and hard engineering) How do LICs and HICs cope with floods? (case study examples) Fieldwork opportunity in school grounds/Etonbury Woods

environment? (decomposition times) Why is it important to solve the plastic problems? (plastic in the oceans) How does climate affect our oceans? (ocean acidification and coral bleaching) Where has the sea gone? (investigating the disappearance of the Aral Sea) Antarctica; the frozen continent (Antarctic Treaty) What are the consequences of climate change in the UK? (sea level rise and extreme weather) What can we do about climate change (adaptation and mitigation)

How does plastic impact upon the

History	Students will extend their history skills. The assessment focus for year 7 is on explaining. Students will study: The importance and potential misuse of history. the development of Church, state and society in Medieval Britain 1066-1509 the development of Church, state and society in Britain 1509-1603 study of a significant society or issue in world history and its interconnections with other world developments - this aspect will be achieved through completion of Meanwhile, elsewhere homework	Autumn term 1: 1066 • key subject words • changing landscapes • GB in 1066 • Battle of Hastings • Control • castles • Knights Autumn term 2: Medieval power • Church • Crusades • Thomas Becket • Town and village life • Feudalism	Spring term 1: Medieval power continued King John Peasants Revolt Crime Black death Spring term 2: Tudors portraits Battle of Bosworth Princes in the Tower changing religion Henry VIII actions Dissolution of the monasteries Mary Rose	Summer term Completion of Tudors Elizabeth early life potential marriage religion Mary, Queen of Scots the poor The Armada
French	Students will be able to: Listen and read for a range of purposes Speak with accurate pronunciation and intonation Ask and answer questions	Theme: Mes passetemps (Free time) Talking about computers and mobiles Talking about which sports you play Talking about activities	Theme: Là où j'habite (Where I live) Talking about your town/village Giving directions Talking about where you go	Theme: 321 Partez! (Holidays) Talking about your holidays Talking about getting ready to go out

	 Adapt previously learned language Use picture stimuli to generate a conversation Write short sentences/paragraphs for a variety of purposes including connective, intensifiers and a range of vocabulary and structures Use the present, near future and perfect tense and high frequency verbs Translate into English Translate into French 	 Saying what you like doing Describing what other people do 	 Asking someone to go somewhere Saying what you can do in town 	
German	Students will be able to: Understand the pronunciation of key phonic sounds Listen and read for a range of purposes Speak with accurate pronunciation and intonation Ask and answer questions Adapt previously learned language Use picture stimuli to generate a conversation Write short sentences/paragraphs for a variety of purposes including connective, intensifiers and a	 Introducing yourself, learning how to pronounce German words Counting to 20 and using the verb sein to say how old you are Using the German alphabet and the verb wohnen to say where you live Describing your character Asking and answering questions about your belongings. Using the verb haben 	Theme: Extreme Haustiere (Extreme pets) Talking about pets/using pronouns Talking about super pets/using kann + infinitive Talking about family members and age/present tense verbs Describing family members/using adjectives with nouns Talking about birthdays Learning about Christmas/cultural traditions	Theme: Bist du sportlich? (Are you sporty?) Talking about sport you play, like and dislike playing Talking about leisure activities and giving your opinion Talking about how often you do activities/using the correct word order Talking about mobiles and computers/talking about the future using the simple present

	range of vocabulary and structures Translate into English Translate into German			 Developing prediction skills/Understanding longer texts Making writing interesting and varied
Art	 Explore a range of material and ideas. Draw from first hand observation. Use the formal elements to describe artwork. Analyse works of art using the formal elements. Understand why artist make art. Understand colour theory and colour mixing. Evaluate their own work and recoginise ways to develop or improve. 	Theme: Landscape - "A sense of place." Students look at the work of David Hockney and British landscapes. They will explore how to develop mark making to describe textures within the landscape and create a firsthand observation drawing of the landscape outside the classroom. They investigate colour theory and how it can convey a sense of place. They also use scaling to enlarge a study. Their final outcome will be an A3 colour study in oil pastel.	Theme: Portrait - "Why am I blue?" Students look at the work of Edvard Munch and explore how colour conveys emotion or mood. They build on their understanding of colour theory and experimenting with drawing materials. They will then transfer these skills into paint where they will create a large-scale self-portrait in the style of the expressionists.	Theme: Still life - "Bottle fish" Students will gather found objects that they can use to draw from and eventually recycle. They will research plastic pollution in the oceans and look at the species of sea life that are most affected by it. After creating their drawings and designs, students will explore how to manipulate the plastic to create their own sea life sculptures. The will look at the work of sculptor David Edgar for inspiration on how to assemble their final pieces. These will be displayed as a collaborative underwater scene.
Design Technology	The End of year goals for DT are that: pupils are able to confidently use different references to design with, choose the correct tools for basic design and make task,	DT introductory Project: Pupils will learn basic technical drawing skills drawing skills by completing an orthographic drawing task. They'll then work through a series of skills using cardboard engineering and	Project 3: Fiddle gadget This will include building on those learnt in project 1 &2, such as marking out and measuring materials, forming and shaping using workshop tools, focusing on	Project 3: Cont Pupils will also use CAD/CAM to develop the design of their boxes to incorporate a cultural significant of their chosen festival through decoration.

	analyse and est work and understand basic technical principles of materials, in line with the national curriculum.	prototyping, developing a good understanding of H&S & PPE. Project 2: Pupils will continue to develop knowledge of tools and H&A by creating a key tag made from acrylic, focusing on basic forming and measuring.	accuracy through using a specification but this time working through a focused practical task in wood. Project 4: Pupils will make a simple ball bearing game which will be a gift for a celebration ie Diwali, Eid, Easter or a birthday. The box will look at accuracy, the properties of wood, joints, acrylic and standard components.	Project4: Pupils will look at different joining and assembly as well as recycling and its importance with the 6R. As such pupils will make a sweet dispenser with a recycled sweet holder.
Performing Arts	By the end of Year 7 pupils should be able to: Create Work successfully with a range of other pupils in the class staying on task for the majority of rehearsal time. Contribute several appropriate ideas during rehearsals and take on board ideas from others Perform Take part in a piece of drama and stay in character for the majority of the piece.	This is an introduction to the course. Looking at the basic Knowledge and Understanding in Performing Arts with a focus on Health and Safety in the theatre. Students are introduced to the basic Performing Arts skills that they are assessed on so they are familiar with key skills of create, perform and evaluate. Students are also introduced to how to use the equipment safely in the scene workshop. This term will also introduce the use of a log book as a basic tool to record progress to support in	The focus this term is on the performance and presentation using production elements. Students will learn the different types of stage positions, understand how to analyse a piece of streamed theatre. Students are introduced to key drama theory on staging. Students will understand how to DESCRIBE, ANALYSE, EVALUATE using PETER to review their own, peers and a piece of professional theatre (on line).	Students will learn how to prepare and rehearse for performing a simple set text for performance. The focus is mainly on the study and approaches to interpreting a script extract in a pair or solo. Students will look at the stages the professionals use to produce a play. Design and acting approaches are looked at in lessons such as set design, lighting, sound. The theme is from PAGE TO STAGE. The set text is matched to the needs of

	Clearly make their voice heard and vary their tone of voice to show some appropriate emotions suitable for their character. Show what their character is feeling through their facial expressions and body language. Set out their piece of drama so that the stage is used evenly and the audience can see most of the action. Evaluating Respond positively to feedback given in rehearsals to improve work. Contribute in evaluations after performances with examples of positive moments in the piece using basic drama terminology.	preparing students with the basic knowledge and understanding of drama. Students start to use the log book to record practical notation and are introduced to short simple theory tasks. Students will look at silent movies as a key style to introduce them to drama. Students to explore how to create drama from scratch and study the features of scripted and unscripted performance such as character and scripted and non-scripted dramas.	The theme of this terms work is on a selected production on line.	each groups ability and reading ages.
Food Tech	Understand and apply the principles of nutrition and health Cook a range of healthy savoury dishes to able to feed themselves	Hygiene: Pupils cover the basics of hygiene such as the 4xC's and basic safety in the food room such as knife skills and aprons etc.	British, Amercian and Desserts: Pupils investigate British and American foods, followed by desserts. They look at the ingredients, process and	Pupils cover a review of basic skills learnt through the year, cross referencing the different projects. This is covered both in a

	Become competent in a range of cooking techniques Understand the source, seasonality and characteristics of a broad range of ingredients		comparisons, building on skills learnt in term 1	practical and theoretical sense, building on previous skills.
Music	In year 7 students will gain knowledge in; Identifying instruments and their sounds reading and writing treble and bass clef notation, how the context/time period the music was written in varies the type of music created, what a chord is and the notes in basic C, F and G major chords, and different types of musical structure and texture. Students will be applying and strengthening this knowledge through practical composition and performance skill related tasks.	INSTRUMENTS AND SONORITY Students will learn to recognise the appearance and sounds of a variety of different instruments. They will use listening skills to identify a range of extended instrumental techniques and explore how instruments can be grouped in different ensembles. ***COVID GUIDANCE DEPENDENT*** KEYBOARD SKILL - Performance. Students will learn to identify notes on the treble and bass clef and apply this to piano/keyboard playing. They will work on performance and be assessed after 7 lessons.	PENTATONIC - Composition Students will use their understanding of treble clef notation to create a 5 pitch composition. This will focus on how music is written and structured and will be influenced by the pentatonic music of China. They will be assessed on their response to the set brief, their use and development of harmony and texture and the structure and fluency of their composition. Curriculum Link - Geography (China and its culture). GROUND BASS Half term - performance The first half term of this module will focus on group performance skill; revising and developing bass and treble clef understanding. They will be focusing Canon by Pachelbel and	GROUND BASS Half term - composition In the second half term studying Ground Bass students will use the layering skills used in Canon to create a composition which will be fully notated and assessed on their response to the set brief, their use and development of harmony and texture and the structure and fluency of their composition. BLUES - Composition Students will look at the history and context that led to the development of Blues music. They will learn about creating chords and playing the 12-bar chord pattern. They will explore creating a 3-part texture and writing lyrics in a Blues style and using a specific AAB lyrics structure.

	explore group performance and how to layer different performance parts together. Students will be assessed on their accuracy and expression as well as the difficulty of their performance part.	Students will work in groups to create a composition in a Blues style and will be assessed on their response to the set brief, their use and development of harmony and texture and the structure and fluency of their composition. Curriculum Link - History at the start of year 9.
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