Year 8 Curriculum Map 2021 - 2022

	Subject (level and exam board)	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	KS3 - intermediate year	Poetry: Journeys, How do poems tell a story?	The Tempest: exploring magic, treachery and revenge.	Animal Farm: George Orwell's classic of revolution, animal symbolism and betrayal	Animal Farm: George Orwell's classic of revolution, animal symbolism and betrayal	Blood Brothers: modern play, looking at relationships and the theme of nature v nurture.	Blood Brothers: modern play, looking at relationships and the theme of nature v nurture.
Maths	KS3	Product of prime factors, highest common factor, lowest common multiple, standard form,negative numbers, laws of indices. Stretch and Challenge: Enlargement, plans and elevations, bearings.	Percentage increase/decrease, percentage multipliers, percentage change, understanding ratio, sharing an amount into a given ratio. Stretch and Challenge: Probability, laws of indices, changing the subject of a formula, ratio and proportion, ratio in real-life contexts.	Probability, factorising algebraic expressions, collecting like terms, laws of indices including negative powers, substitution, sequences including nth term. Stretch and Challenge: Sequences including finding the nth term, angles in parallel lines, percentage multipliers, percentage change.	Angles in parallel lines, percentage increase/decrease, simple interest problems, percentage change. Stretch and Challenge: Solving equations, area of a circle, circumference of a circle, linear graphs y=mx+c.	Circles - area and circumference, volume of a cylinder, linear graphs y=mx+c, plot quadratic graphs, interpret distance-time graphs. Stretch and Challenge: Set notation, two-way tables, listing outcomes, frequency trees.	Solving equations including equations where the unknown is on both sides, set notation, Venn diagrams, frequency trees, two-way tables, Stretch and Challenge: Interpret a grouped frequency table, construct histograms with equal class intervals, scatter graphs and correlation, averages from a frequency table.
Science	KS3	Acids and alkalis Respiration	Skeleton and muscles Heating and cooling	The rock cycle Light Sound and hearing	Sound and hearing Patterns of reactivity Variation and inheritance year 9	Useful chemistry and energy Environment and feeding relationships * changes made due to move to 3 year KS3	Environment and feeding relationships Consolidation of past year 8 topics
Geography	KS3	**Shifting World** Plate Tectonics	**Shared World** Population and resources	**Changing World Climate** Climate Change	**Changing World Climate** cont. & **Threatened World** (biomes)	**Threatened World** Tropical Rainforest biome	**Threatened World** Hot Desert biome

History	KS3	Britain and the Industrial Revolution	Introduction to the twentieth Century	Chaos in the 1930s	World War Two-The home front and the nature of war	WWII	WWII
French	KS3 French	VOCABULARY: Students learn to talk about their town or village including places in town and what can you do there and invitations out. GRAMMAR: Students are able to use il y a / il n'y a pas de; the full paradigm of aller; a + definite article and modal verbs vouloir and pouvoir. PHONICS: Students learn the sounds: (a) (e aigu) (w) (eu) (ain) (ch)	VOCABULARY: Students learn to talk about holidays including destinations, holiday activities, holiday plans, drinks and snacks. Students recall KS2 content of numbers. GRAMMAR: Students are able to use the nous and on form of -er verbs, the full paradigm of reflexive verbs and the near future tense. PHONICS: Students learn the sounds: (an) (g) (b) (e grave) (f)(gn)	VOCABULARY: Students learn to talk about TV programmes and films and extend opinions learnt in KS2 / Y7. Students talk about music and online activities and past activities. GRAMMAR: Students recall the full paradigm of -er verbs, etre, avoir, faire, adjectives and negatives. Students learn the perfect tense and compare it with the present. PHONICS: Students learn the sounds: (i) (j) (on) (o) (k) (l) (n+m)	VOCABULARY: Students learn about places and activities in Paris and modes of transport. They build on KS2 / Y7 content and extend knowledge of opinions. GRAMMAR: Students are able to use the perfect tense with avoir and etre including negatives in the perfect tense and irregular past participles. PHONICS: Students learn the sounds: (d) (e) (eau) (i) (p)	VOCABULARY: Students build on Y7 content and extend knowledge of personality then learn to talk about relationships, clothes and their own passions. GRAMMAR: Students recall adjective agreement and reflexive verbs then extend these. They use possessive adjectives and recall then extend the near future tense. PHONICS: Students learn the sounds: (d) (hui) (u) (y) (z)	VOCABULARY: Students build on early Y8 content to talk about where they live and their homes in more detail including prepositions. They learn more about food and festivals. GRAMMAR: Students use irregular adjectives and learn how to use comparative adjectives and prepositions. They learn the full paradigm of boire and prendre and quantities. PHONICS: Students learn the sounds: (v) (zh) (t) (s) (r)
Music	KS3	Whole Class Ensemble	Whole Class Ensemble	Music for Film	Classical Influences	Retro and Epic Composition for Computer Games	Music for Ensemble
Drama	KS3	Confidence and teamwork Vocal Performance spaces	Drama Festival	Performance techniques: Narrator Cross conversation Pace Tension Devised performances	Performing scripts	Brecht Techniques Creating a presentation Preparing a presentation	Summary of skills - multipole assessments
PE	KS3	Rugby Netball Football Tennis	Basketball Dance Fitness	Badminton Fitness Gym/Dance Netball/Basketball	Gym/Dam=nce Badminton Hockey	Cricket Athletics OAA Striking and Fielding	Athletics OAA Rounders Striking and Fielding
ICT	KS3	Introduction to Python - Links to KS4 Computer Science. Students have to	Video Editing Project - links to KS4 iMedia. Students learn to develop practical skills	History of Computing : Students need to understand the history of technology and why	How Computers Work Part 2 How Computers Work extended..... recap from Yr 7 with extended	Creating a comic Strip, Basic Graphic skills on using Graphic Software to manipulate images	Life skills - Reminder of Esafety - How to keep safe. Effective use of Technology

		complete an assessment project using Python Programming. Understand the basic constructs of programming in a text based language.	for planning and completing a project. Understand how to develop a digital product. Planning, Preparing Assets and Time Lines	computing history is important - Links to KS4 Von Neumann Architecture. (PLAN TRIP TO EITHER NATIONAL COMPUTING MUSEUM _ BRADFORD or GCHQ or Fylingdales)	detail into - Binary/Ascii - Links to KS4 Computer Science. Students need to be able to use Binary and Ascii code.	and import the images into comic strip software. (Based on the imedia units)	
Year 8	**Art** **DT (food)** **DT (non-food**	Art History:Fauvism Kitchen basics-snacks Drawing skills 2	Painting:Colour Theory Latin lunches Plastics	Painting:Colour Theory East Asian cuisine Plastics	Drawing:Linescapes South Asian cuisine Textiles 2	Designing: Experiments The Jubilee- biscuits Jubilee project	Fauvist Landscape paintings Healthy Eating/USA Electronics