

Key Stage 3 Curriculum



Chew Valley School

Learn

Grow

Achieve



Chew Valley School - Key Stage 3 Art Overview

Year 7 Units

Introduction to practice	Seasons and Landscapes	Shape & Scale	Designing & Making	Natural Forms	Pattern
Introduction to colour theory, Still-life, text and font, sketchbook work, drawing and painting Art writing frames to analyse image and context	Black & white positive negative space, seasons and landscapes, simple figurative art, book covers, seasonal card design, clay /ceramics, critical studies, mark-making and illustration	Shape and scale, repeat pattern, Man-made objects, drawing from observation, printmaking Collage	Sculpture Portraiture, 2D & 3D Shoes / hats Extended painting Art writing frames to analyse image and context	Impressionism Composition, ICT Mixed-media Collage Art writing frames to analyse image and context	Collage Environment Three dimensional sculpture, working outdoors Iteration from previous terms. Colour Application of art to real objects, books, stamps

Year 8 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Perspective 2point and 3point, application of theory into actual work out of Sketchbook scale Back to sketchbook work, drawing and painting. Use of Photoshop Art writing frames to analyse image and context. Joining the dots.	Portraiture and identity, Gridding upscale distortion Painting. Graphic design, logos, clay work and pottery, paper sculpture, Use of Photoshop Seasonal art, 2D and 3D.	Art from other cultures. Communication and meaning, Surrealism, Puppets, Critical Studies, designing and making. Mask making Caste, surface pattern design. Use of Photoshop	Composition and pattern, clay and sculpture, printing making lino and mono. Application print into surface pattern design use of Photoshop	Natural forms, Cubism, self-identified project with critical study, print making. Use of Photoshop Art writing frames to analyse image and context Joining the dots.	Natural forms, ceramics, landscape, graphic project, drawing from observation and working out.



Chew Valley School - Key Stage 3 Art Overview Cont.

Year 9 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Critical Studies, Art writing frames to analyse image and context. Photoshop Graphic design, illustration, Three dimensional sculpture.	The human figure and proportion, futurism, masks, mixed media and drawing from observation. Photoshop	Life drawing, Symbolism, Natural forms, mixed media portraiture, Illustration, printmaking.	Life drawing, symbolism, natural forms, mixed media portraiture, illustration, figures in action, sculpture, and printmaking. Photoshop	Still life, landscape, narrative story extended painting, Monsieur Qui clay work, development of self-directed project shadowing GCSE. Art writing frames to analyse image and context. Joining the dots.	Still-life, landscape, narrative story, extended painting, Monsieur Qui clay work, contemporary art, environment, development of ideas. Development of self-directed project shadowing GCSE.



Chew Valley School - Key Stage 3 Business, Computing & ICT Overview

Year 7 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Basic computer and keyboard skills and the Chew Valley Computer System and how to use it. About Me PowerPoints and baseline assessment.	Internet safety – including social media, security and passwords, phishing, viruses and malware and digital footprints.	Spreadsheets. Basic spreadsheets terminology and skills, use of formula and functions, creating a working multiply choice quiz with a scoring system.	Python programming and computational thinking including algorithms	Graphic Design - tour posters and t shirts. Using Fireworks. Combination of vector and bitmap images. Different audiences for t shirt and poster.	Hardware /Software/ storage - to include Input/Output devices, application vs operating software. Files and folders and different storage devices (flash, cloud, hdd etc.)

Year 8 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Designing websites using HTML and CSS code	As term 1	RAM/ROM/CPU basic Fetch, Decode, Execute cycle. Features and functions.	Python programming and computational thinking. Creating a quiz, read and write to files and use of functions.	Cinema project - design advertisements, making a trailer for the movie. Then fast forward to owning a cinema chain and create a user interface for a cinema booking system.	As term 5.



Chew Valley School - Key Stage 3 Business, Computing & ICT Overview Cont.

Year 9 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Binary, Hexadecimal and logic gates, including ASCII. AND, OR, NOT logic gates.	BTEC inspired project to design and create a user guide and advert for a mobile phone. Graphic design, audience and purpose, persuasion skills.	As term 2	Python, algorithms and flowcharts including global functions, local functions and procedures.	Sound and images, including quality, compression, bits, colour and hex codes.	Group work, research and presentations on ethical, legal and social issues concerning computing.



Chew Valley School - Key Stage 3 Drama Overview

Year 7 Units

Janet & Claire	Macbeth	Evacuees	Devising	Folk Tale	Private Peaceful
Introduces skills & techniques via a unit based on bullying & friendship.	Student perform scenes from 'Macbeth' & then devise an original version of Act I Sc I.	Drama based on photographs of children being evacuated during WW2.	Class work in small groups devising Drama work based on given stimulus or live theatre seen.	Students create Drama based on African Myths. Link with Music.	Unit based on Michael Morpurgo's play - exploring, in particular, the characters and themes.

Year 8 Units

Homelessness	Romeo & Juliet	Reportage	Response to live Theatre / DVD	Devising / Comedy	Scripted Performance
Devise short film. In Music they compose a soundtrack for this. Whole project then put onto DVD.	Perform scenes from 'R & J' & devise original version of key scenes.	Work based on a news broadcast - using Reportage as a Dramatic Technique.	Create & evaluate work based on live theatre.	Create group work based on stimulus.	In small groups, students create a piece of scripted work based on published material.

Year 9 Units

Building a Character	Scripted Performance	T-i-E	Masks	Devising	Response to live Theatre / Music Video
Creating character & writing a monologue.	Perform scenes from 'R & J' & devise original version of key scenes.	Create & evaluate work based on given stimulus.	Following a workshop from a Stage Combat practitioner, students create & perform routines.	Perform key scenes from Shakespeare text looking at character & plot.	Create & evaluate work based on live theatre.



Chew Valley School - Key Stage 3 English Overview

Year 7 – Conflict

Transition Unit	Private Peaceful	War Poetry	Propaganda	Angels	Myths and Legends
A piece of creative writing inspired by some challenging literature.	A reading of this text with focus on characters, plot and style.	An early chance to engage with the literary skills required for analysing powerful poetry.	Designed to build on the novel and poetry work, students explore the linguistic power of propaganda.	A close study of this modern play, including some spoken language work.	A pacey creative unit engaging with literary heritage and looking at how it can influence our writing.

Year 8 – Complexities of Relationships

Poetry	Creative writing	Much Ado About Nothing	Media – Advertising	Star Seeker
A range of GCSE standard poetry about the nature of human relationships is explored and analysed.	A challenging approach to writing creatively, with students expected to deliver a concise narrative to a fixed word limit.	Close study of the plot, characters, and structure of this Shakespeare play. An additional, creative project adds context.	Exploring how language, imagery and representation are used in order to communicate effectively with an audience.	A long and, at times, challenging novel is explored in detail.

Year 9 – Civil Rights, Prejudices and Respect

Classic text	Media – representation in the media	Merchant of Venice	Poetry from Different Cultures	Civil rights reportage and creative task
The close study of either To Kill A Mockingbird or Of Mice and Men.	An exploration of representation and bias in the modern media.	Another, more complex Shakespeare play is studied in Year 9.	More demanding GCSE standard poetry is explored, continuing to challenge students' perspectives.	Non-fiction texts explored in anticipation of GCSE Language study and a creative piece consolidates the year's learning.



Chew Valley School - Key Stage 3 Geography Overview

Year 7 Units

Introduction & Skills	Weather & Climate	Africa	Rivers & Coasts	Population & Urbanisation	Asia
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Year 8 Units

Development & Economic Activity	Natural Resources	Russia	Middle East	Glaciation & Plate Tectonics	Rocks, weathering and soil
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Year 9 Units

Sustaining Ecosystems	Urban Futures
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Chew Valley School - Key Stage 3 History Overview

Year 7 Units

History Skills	Empire	Power
Introduces skills & techniques for historical awareness	Romans, Aztecs, Britain	Battle of Hastings Medieval England

Year 8 Units

Protest	War
Apartheid - South Africa Independence – India Civil Rights - America	Suffragettes World War One Trench Warfare

Year 9 Units

The Twentieth Century	Student Led Historical Enquiry
World War 2 The Holocaust	The History of Intelligence OR Migration to Britain



Chew Valley School - Key Stage 3 Maths Overview

Mathematics consists of four main topics: Algebra, Shape Space & Measure, Statistics & Data Handling and Geometry. It is taught by assessing prior knowledge, applying and building upon with new content each year. Students develop fluency, mathematical reasoning and problem solving skills so that they are able to solve a variety of routine and non-routine problems with increasing sophistication.

Year 7 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Number skills; Angles; Probability; Introduction to Algebra.	Probability continued; Properties of Number; Area & Volume; Handling Data	Percentages & Ratio; Calculating averages; Sequences	Sequences continued; Measures & Conversions; Transformations; Fractions	Fractions continued; Coordinates; Line Graphs; Representing Data	Representing Data continues; Compound Measures

Year 8 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Properties of Number; Number skills review; Algebraic manipulation	Calculating averages; Angles; Fractions	Linear equations; Ratio & Proportion; Sequences & Inequalities	Sequences & inequalities continued; Representing data; Percentages; Circles	Probability; Coordinates & Linear Graphs; Indices	Standard Form; Construction; Introduction to Pythagoras

Year 9 Units

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Properties of Number; Number skills & calculations with negative numbers; Accuracy	Ratio & Proportion; Percentages; Loci & Construction	Indices; Area of 2D Shapes; Linear Equations & Graphs, Formulae; Sequences	Further algebraic manipulation; Probability; Scatter Graphs; Volume	Properties of Polygons; Angles; Representing & Summarising Data	Functions; Graphs & Graph Transformations



Chew Valley School - Key Stage 3 Modern Languages (French and Spanish) Overview

Year 7 Units

People	Identity	The Natural World	Education	Life	Places
Greetings, alphabet, family members, physical description, basic opinions. Assessment - listening	Alphabet, places, where you live, numbers, birthday, likes/dislikes/justifications, revisiting of previous context. Assessment - reading	Pets, colours, farm/wild animals, colours, environmental surroundings, weather. Assessment - speaking	Subjects, opinions, time, comparisons, revisiting of previous contexts. Assessment - writing	Uniform, rules, daily routines, revisiting of previous contexts. Assessment - End of Y7 Exam (reading, writing and grammar)	My town, countries, compass points, directions, nationalities, languages, music, typical cuisine, festivals, revisiting of previous contexts.

Year 8 Units

Rest & Relaxation	Holidays	Pocket Money & Chores	Eating & Drinking	Shopping	Broadening Your Horizons
Recap of descriptions, sports and free time activities, present tense, future plans using the near future tense, frequency phrases. Assessment - speaking	Countries, destinations, weather. Assessment - writing	Family, daily routines, time, numbers. Assessment - listening	National food, restaurants, buying food, comparisons with Britain. Assessment - reading	Shops, colours, clothing. Assessment - grammar and vocab	Film studies, celebrations, fiestas, cultural events.

Year 9 Units

Jobs and Future Plans	Film & TV	Music & Technology	Healthy Living	Relationships	Environment & Global Issues
School subjects, post-16 jobs. Assessment - reading	TV programme. Assessment - speaking	Musical instructions, types of music, opinions. Assessment - writing	Food & drink, smoking and drinking, exercise. Assessment - listening	Family members, social plans. Assessment - grammar	Problems and solutions, revisiting all grammar points.



Chew Valley School - Key Stage 3 Music Overview

Year 7 Units

<p>Oliver!</p> <p>Fixed scheme of work that introduces year 7 to singing and performing in a fun and non threatening way. Opportunity here to embed the rules of the department especially relating to group work.</p>	<p>Composing a Melody</p> <p>Includes basic notation, keyboard technique, structure, pitch and rhythm.</p> <p>Possibly leads to a Christmas or other song task by end of term.</p>	<p>Name Ostinato - African Drums</p> <p>Class drumming and singing. Organising practice and composition sessions. A final recorded performance and self-appraisal.</p>	<p>The 7 Elements - Programme Music</p> <p>Composition and Performance project based on "Carnival of the Animals by Saint Saens.</p>	<p>African Sanctus</p> <p>Listening and analysis, composition and performance based on the inspirational work of David Fanshawe.</p>	<p>Private Peaceful</p> <p>Listening and analysis, composition and performance. Make use of MTS Gamelan template.</p> <p>Indian Music</p> <p>Basic Raga, Tala and Drone. Composition and Performance based task.</p>
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Year 8 Units

<p>Latin American Music</p> <p>The historical influence of Africa, Spain/Portugal and South America. Rhythm grids, hand held percussion, Salsa and Cuban rhythms.</p>	<p>Blues</p> <p>Substantial listening and analysis, composition and performance project.</p>	<p>The Orchestra</p> <p>An in-depth study of the standard four sections, incorporating some practical, listening and written tasks. Culminate in homework project.</p>	<p>Minimalism</p> <p>ICT based arrangement task using Logic Express and live performance</p> <p>OR</p> <p>Building an Ensemble</p> <p>Variations on a ground bass. Pachabel's Canon.</p>	<p>Film Foleys</p> <p>Media/Music cross curricular project. Work on macs. Sync up video with an F/X soundtrack using recorded "fake" sounds.</p>	<p>Film Foleys extension</p> <p>Addition of an underscore to complete the audio soundtrack.</p>
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Year 9 Units

<p>Club Dance</p> <p>Learning to use Garageband software to an advanced level. Import from itunes, edit an audio track and create a club style remix.</p>	<p>Rap and Pop</p> <p>Add a rap to the track created in the previous Club dance module</p> <p>Prepare for the Pop module in term 3 or prepare and perform a "cover version".</p>	<p>Pop Song</p> <p>Create the music and lyrics to an original song. Any contemporary style. Focus on structure, chord sequences and bass lines.</p>	<p>Radio Show</p> <p>Create a 20 min show. Include Ads, phone-ins, jingles, competitions etc. Highly ICT based. Ready for performances next term.</p>	<p>Radio cont...</p> <p>Perform and evaluate shows. Possible extension – Work with Drama to create a video for one of the pieces of work completed this year.</p>	<p>World Music</p> <p>A brief look at how other countries and cultures have contributed to music and media in preparation for GCSE.</p>
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Please note that the order of the projects covered will change depending on the availability of the Recital Room and the Technology Suite throughout the year.



Chew Valley School - Key Stage 3 PE Overview

Please note that in Years 7 and 8 all groups will do all activities but in a different rotation order.

All students are expected to bring their kit to all lessons as adapted activities and other non-performer roles can be given to students who are injured or ill.

Year 7 and Year 8 Units

Stretch Zone	BASES – Gymnastics	Net and Wall Activities	CPE Dance	Invasion Games	Striking and Fielding Games	Athletics
This unit includes problem solving, team building and orienteering.	Developing balance, agility, suppleness, explosive and dynamic strength through a range of activities.	Badminton, tennis, table-tennis and squash. Learning new skills and tactics in practice situations.	Learning dance skills including set work.	Hockey, football, netball and rugby. Basic through to advanced skills in tactics, competitive situations, rules and practice of skills.	Rounders and cricket. Basic through to advanced skills are practised. Small groups or conditioned games as well as full sided, and tactics.	Learning the basic techniques or running, jumping and throwing. Developing simple into more advanced skills.

Year 9 Units – students get some choice in this year group

Stretch Zone	Pathway 1	Pathway 2	Pathway 3	Pathway 4	Sports Leadership
All students start the year with this unit as an introduction to their Sports Leadership course. It involves team building, communication and organisational activities.	For boys only this pathway allows students to develop their skills and tactical awareness in the major team games such as Rugby and Football in addition to other game activities as well as Athletics and Fitness.	For girls only, this pathway allows students to learn and develop skills in major team sports including hockey, netball, football and rugby as well as other game activities. They will also do orienteering and athletics.	This option is for any student who prefers activities that involve less contact and more individuality. It has team activities as well as other game activities. Activities include hockey, racket sports, golf and orienteering.	This is the creative pathway for any student who prefer the more artistic activities such as gymnastics, dance, aerobics and cheerleading. There will also be game activities during the year – these are netball, racket sports and rounders.	During lessons students will have the opportunity to develop leadership skills by planning and delivering short leadership episodes to their peers. They will then use these skills to deliver sporting activities to visiting primary school pupils.



Chew Valley School - Key Stage 3 PSHRE (Personal, social, health and religious education) Overview

Year 7 Units

Introduction to World Religions	Rites of Passage	Puberty	Prayer and meditation	Festivals	Emotional Health & Wellbeing	Community Cohesion	Religion through story
An investigation into the 6 main religions in the UK.	How do Christians mark birth and the entry into adulthood? How does this compare with other religions?	How do our bodies change as we grow up? What happens during menstruation?	What does prayer mean for a Christian? How and why do Christians pray? What is Buddhist meditation?	How do religious people celebrate their most important beliefs and events?	How can we learn to cope with our emotions and develop positive mental health and wellbeing?	What does it mean to be British? An opportunity to learn about and celebrate British diversity.	Learning about religions through their sacred texts.

Year 8 Units

Identity & Belonging	Life After Death	The Natural World	Mental Health	Poverty & Injustice	Respectful Relationships	Community Identity	Spiritual Leaders
How do Jewish people express their identity?	What do Christians and Hindus believe happens after death?	How do Christians and Muslims respond to environmental issues?	How can we support a friend who is suffering as a result of poor mental health?	How do Christians and Muslims respond to issues of poverty and injustice?	Developing our understanding of how we can manage our relationships respectfully.	How does the Gurdwara support the Sikh community?	How can spiritual leaders and people of faith have a positive impact on their community?



Chew Valley School - Key Stage 3 PSHRE

(Personal, social, health and religious education) Overview Cont.

Year 9 Units

Arguments for the existence of God	Guidance without God	Moral Issues	Relationships & Sex Education	The Problem of Evil	Body Image	Media & Religion	Sacred Spaces
Exploring the traditional philosophical arguments for the existence of God	Exploring Atheist, Humanist and Buddhist worldviews	An independent investigation into a moral issue	Developing a mature and thoughtful understanding of the physical and emotional aspects of intimate relationships	Exploring the ancient philosophical problem of evil as a challenge to belief in God.	Exploring the impact the media can have on self-esteem and developing personal resilience	Looking at the relationship between the media and religion, the influence of the media and spotting 'fake news'	A creative project exploring the significance and diversity of sacred spaces



Chew Valley School - Key Stage 3 Science Overview

Year 7 Units

Staying alive Microscopes, cells, organs, reproduction.	Why are we different? Classification, habitats, food chains, adaptations, behaviour.	What are things made of? Dissolving, states of matter, the particle model.	Be reactive! Combustion, hazard symbols, acids and alkalis, chemical reactions, gas testing.	How things move Balanced and unbalanced forces, mass and weight, friction and drag, speed.	Using energy Types of energy, energy transfers, fuels, power stations, electric current and fuses.	Earth, space and beyond Planets, motion of the moon, earth and sun, seasons.
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Year 8 Units

Systems for survival Diet, digestive system, enzymes, respiration, circulatory system, lungs, heart.	How we stay healthy Microbes, immune system, how diseases spread, vaccination.	How do living things interact? Pyramids of number and biomass, controlling animal populations.	What's in a reaction? Elements, compounds and mixtures, the Periodic Table, metals, word and symbol equations for reactions.	Heating and cooling Conduction, convection and radiation, temperature and heat, changes of state.	Finding out about light and sound How light travels, ray diagrams, reflection, refraction, colour and filters, how sound travels, frequency and amplitude, the ear.	Exploring magnetism Magnetic materials, fields, navigation, electromagnets.	Rocks and their uses Weathering, erosion, types of rock, the rock cycle, volcanoes.	Environmental chemistry Acid rain, global warming, climate change, recycling, water treatment.
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Year 9 Units

Investigation skills Variables, plotting graphs, results tables.	Are you fit? Smoking, drugs, alcohol, body joints.	Upsetting the balance Sexual and asexual reproduction, variation, selective breeding, genetic modification, cloning.	Reactivity Chemical equations, reactivity series, displacement reactions, metals / oxides / carbonates with acids.	Calculating forces Motion graphs, pressure, moments.	Space and satellites Gravity, Solar System models, satellites, comets.	Energy and environment Energy transfers, efficiency, current and voltage, renewable and non-renewable power stations.
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Chew Valley School - Key Stage 3 Technology Overview

Year 7 Units

Food	Textiles	Engineering	Product Design
Eatwell Plate, Practical skills and Health & Safety.	Technical knowledge, designing and making a cushion cover.	Basic electrical circuits, engineering challenges from the Dyson Foundation, producing and making projects in paper, card, wood and plastics, and torch.	CAD/CAM, Vacuum forming, 3D printing.

Year 8 Units

Food	Textiles	Engineering	Product Design
Nutrients, Sensory analysis and Special diets, Practical skills focussed on salad, custard dessert and Ultimate Cake Challenge	Introduction to E-textiles: CAD/CAM and Laser cutter, Sublimation printing, building NETS and 3D shapes.	Movement and structure, Dyson project "On the Move!"	CAD/CAM, Making a child's spinning toy, project on using restricted resources to design and make a tea light holder.

Year 9 Units

Food	Textiles	Engineering	Product Design
Food Waste, provenance and choice, Practical skills on "high skills" dishes; filleting a fish, making a Swiss roll, pastry, and knife skills.	Properties and uses of different fibres, and using different decorative techniques, reducing the environmental impact of design.	CAD/ CAM and Solid works, design and fly an aircraft.	