



TRURO  
HIGH SCHOOL  
*Girls First*

**YEAR 8**



# Schemes of Work Summary

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# ART AND DESIGN

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Interdisciplinary Project based on: Natural forms or similar theme</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Starting from observation to develop into print-making, photographic and ceramic techniques</li> <li>• Ceramic tiles to be displayed as a group piece</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Cross-Curricular Design Brief project</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Cross-curricular brief set in conjunction with another department e.g. History / Science / Religious Philosophy, to produce artefacts, images or posters for a museum-style display in that department</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Exam Project released after Easter</li> <li>• Life Drawing</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Exam brief will be designed to recap on skills explored throughout that year, including drawing, painting and printmaking</li> <li>• Opportunity to work standing up / outside and experience life drawing the human figure</li> </ul>

# BIOLOGY

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Food Glorious Food!</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Diet</li> <li>• Food Tests</li> <li>• Diet and Diabetes</li> <li>• The digestive system</li> <li>• Chemical digesters – Enzymes</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Healthy Body</li>   <li>• Microbiology</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Aerobic Respiration</li> <li>• Blood and Circulation</li> <li>• Anaerobic Respiration</li> <li>• Lung volumes</li> <li>• Investigating breathing</li> <li>• Fish and gas exchange</li>   <li>• The hidden world</li> <li>• Microbe structure</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Ecology and Evolution</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Microbes in action – yeast</li> <li>• Microbes and disease</li> <li>• Body's defence against disease</li> <li>• Medicines in the fight against disease</li> <li>• Classification</li> <li>• Populations and sampling</li> <li>• Environmental factors</li> <li>• Adaptations</li> <li>• Food chains and webs</li> </ul>

# CHEMISTRY

Michaelmas Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• In the Drink – Mixtures</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Making solutions</li><li>• Solubility</li><li>• Liquid mixtures</li><li>• Chromatography</li><li>• Distillation of coke</li><li>• Distillation</li><li>• Separation of salt and sand</li><li>• Air</li><li>• Separating mixtures circus</li></ul>
Lent Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Materials and recycling</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Elements</li><li>• Metals and non-metals</li><li>• Compounds</li><li>• Burning magnesium</li><li>• Valency</li><li>• Making iron sulfide</li><li>• Compounds and mixtures</li><li>• Thermal decomposition</li></ul>
Summer Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• What a waste</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Latent heat</li><li>• Sublimation</li><li>• Types of reaction</li><li>• Making an alloy</li><li>• Electroplating</li><li>• Rusting</li></ul>

# COMPUTER SCIENCE

Michaelmas Term: Website development	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Knowledge of good web page design techniques</li> <li>• In depth understanding of the functions of web design software</li> <li>• The ability to produce a web-site showing good design technique, using a range of multi-media assets</li> </ul>	<p><i>Key Information:</i></p> <p>Understanding design techniques and putting them into practice in their web-site</p> <ul style="list-style-type: none"> <li>• Planning out a website</li> <li>• The production of web pages using appropriate software: <ul style="list-style-type: none"> <li>Use of backgrounds, use of tables to format page, importing multi-media assets (banners, buttons, flash movies etc) into pages, creating links between pages</li> </ul> </li> <li>• Testing and evaluating a website and responding to feedback</li> </ul>
Lent/Summer Term: Coding and Computational Thinking Part Two	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• To understand how to perform selections.</li> <li>• To understand loops and iteration.</li> <li>• To understand the concept of validation.</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• This is a fundamental programming module where pupils will learn the core essentials for their future programming – namely the ability to select and iterate.</li> <li>• Note 8A will do this module in the spring, 8Alpha in the summer</li> </ul>
Lent/Summer Term: Robotics and Control Part Two	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Inputting data from sensors</li> <li>• Controlling motors.</li> <li>• Building LEGO robots</li> <li>• Writing programs to control robots</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• This is a very practical module where pupils will learn how to build and control robots.</li> <li>• Note 8A will do this module in the summer, 8Alpha in the spring</li> </ul>

# DRAMA

Michaelmas Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• 'Holes' by Louis Sachar</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Role play</li><li>• Total theatre</li><li>• Sound tracking</li><li>• Hot seating</li><li>• Role on the wall</li></ul>
Lent Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• 'Holes' by Louis Sachar</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Characterisation</li><li>• Sculpting the character</li><li>• Communal voice</li><li>• Placing 'texts' within the drama</li><li>• Proxemics</li><li>• Narration</li><li>• Maintaining a role</li></ul>
Summer Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• 'Holes' by Louis Sachar</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Consolidation of skills</li><li>• Thought tracking</li><li>• Symbolism</li><li>• Forum theatre</li><li>• Marking the moment</li><li>• Crosscutting</li></ul>

# ENGLISH

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Study of a novel or play</li> <li>• Poetry, short stories and extracts to be integrated under a common genre such as the Gothic or Ballads (poetry genre) including 19th Century writers such as S.T Coleridge</li> <li>• Language skills</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Students will begin by exploring thematic concerns and characterisation in a novel study</li> <li>• Opportunities to write creatively will also be included</li> <li>• Technical skills such as spelling/spelling rules, punctuation and parts of speech will continue throughout the year</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Analysing and creating non-fiction texts, magazine articles and front covers</li> <li>• Spellings</li> <li>• Language, grammar and punctuation</li> <li>• Short stories and satire</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Throughout the year, students will continue to build their repertoire of grammatical knowledge</li> <li>• Study of a chosen novel or play will include a post-1900 work and texts from other cultures. It will also incorporate a variety of writing types</li> <li>• Non-fiction texts study will include a range of analytical tasks and persuasive writing opportunities</li> <li>• Students build knowledge of satire and short story conventions, writing their own piece of satire</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• A play or extracts from plays by Shakespeare</li> <li>• Speaking and listening</li> <li>• Ongoing language work</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• The emphasis will be on speaking and performing Shakespearean language</li> <li>• Study will generally be based around a theme, such as comedy</li> </ul>



# FRENCH

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• New technology</li> <li>• Sports &amp; activities</li> <li>• Where you live &amp; directions</li> <li>• Where you go at the weekend</li> <li>• Invitations</li> <li>• Saying what you can do in town</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Computers &amp; mobiles, er verbs</li> <li>• Use of jouer à</li> <li>• Use of the verb faire, ils &amp; elles</li> <li>• Using aimer + the infinitive</li> <li>• Using vouloir + the infinitive</li> <li>• Using pouvoir + the infinitive</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Talking about holidays</li> <li>• Getting ready to go out</li> <li>• Buying drinks &amp; snacks</li> <li>• Talking about holiday plans</li> <li>• Saying what you would like to do</li> <li>• TV programmes &amp; films</li> <li>• Reading</li> <li>• The internet</li> <li>• What you did last night</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Use of nous</li> <li>• Reflexive verbs</li> <li>• High numbers</li> <li>• The near future tense</li> <li>• Je voudrais + infinitive</li> <li>• Revision of the present tense</li> <li>• Aller &amp; faire</li> <li>• Introduction to the perfect tense</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Paris</li> <li>• Understanding info about tourist attractions</li> <li>• Saying where you went &amp; how</li> <li>• Interviewing a suspect</li> <li>• Revision for summer examination</li> <li>• Project about Paris</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Sites of Paris, regular perfect tense</li> <li>• Opinions in the perfect tense</li> <li>• Perfect of être</li> <li>• Questions in the perfect tense</li> <li>• Revision list &amp; lessons</li> </ul>

# GEOGRAPHY

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Industry</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Classification of industry</li> <li>• Industrial systems</li> <li>• Change in industry through time, illustrated by UK textile industry</li> <li>• Location of High-tech industry in UK</li> <li>• Role of TNCs</li> <li>• Industry in a developing country</li> <li>• Importance of 'Appropriate Technology'</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Tectonics and geology</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Structure of the earth</li> <li>• Movement of tectonic plates</li> <li>• Different plate boundaries</li> <li>• Earthquakes; causes, recording, impacts, engineering safer buildings</li> <li>• Volcanoes; different types and associated hazards but also benefits</li> <li>• Classification of different rock types; formation, characteristics, uses</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Folding and faulting</li> <li>• Weathering</li> <li>• Coastal processes and landforms</li> <li>• Coastal fieldwork exercise</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Tectonic processes cause distortion of existing rock strata</li> <li>• Weathering processes and impacts</li> <li>• Coastal erosion, transportation, deposition</li> <li>• Coastal engineering</li> <li>• Impact of tourism on the coastline</li> </ul>

# HISTORY

Michaelmas Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Images of an Age, 1500-1750</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Considering how portraits were used by the powerful</li><li>• Developing skills of analysis and evaluation through interpreting symbols and artistic devices and by placing artworks in their historical context</li></ul>
Lent Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Industrial Changes: action and reaction, 1750-1900</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Studying changes in industrial growth and development</li><li>• Identifying the social impact of economic and demographic change, including the rise of protest movements</li></ul>
Summer Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• The French Revolution</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Comprehending the idea of revolutionary change</li><li>• Understanding the long and short-term causes of revolution in France</li><li>• Exploring the nature and impact of the Revolution's reforms</li></ul>

# LATIN

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Houses</li> <li>• Slaves</li> <li>• Town of Pompeii</li> <li>• The Theatre</li> <li>• Food</li> <li>• Gladiators</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Nominative case</li> <li>• Accusative case</li> <li>• Present tense</li> <li>• Imperfect tense</li> <li>• Perfect tense</li> <li>• 1st person singular</li> <li>• 2nd person singular</li> <li>• 3rd person singular and plural</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Baths</li> <li>• Schools</li> <li>• Eruption of Vesuvius</li> <li>• (project on Pompeii and Vesuvius)</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Dative case</li> <li>• 1st person plura</li> <li>• 2nd person plural</li> <li>• Comparative adjectives</li> <li>• Superlative adjectives</li> <li>• Direct questions</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Roman Britain</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Infinitive</li> <li>• Agreement of adjectives</li> <li>• Relative clauses</li> </ul>

# MATHEMATICS

Michaelmas Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Factors</li><li>• Pythagoras' Theorem</li><li>• Rounding and estimating</li><li>• Data Analysis</li><li>• Nets and surface area</li><li>• Ratio and proportion</li><li>• Algebra</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Mode, median, mean, range for discrete ungrouped frequency</li><li>• Expansion of single and double brackets</li><li>• Factorising—single brackets</li><li>• Solving equations</li></ul>
Lent Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Arithmetic</li><li>• Probability</li><li>• Angles, bearings and maps</li><li>• Formulae</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Fractions and percentages</li><li>• Two events</li><li>• Changing the subject</li></ul>
Summer Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Circles</li><li>• Straight line graphs</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Circumference and area, volume and surface area cylinder</li><li>• <math>y=mx+c</math></li></ul>

# MUSIC

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Blues Improvisation and performance</li> <li>• Waltz and March Exploring programme music through performance and listening</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Spirituals</li> <li>• 12 bar blues</li> <li>• Blues scales</li> <li>• Improvisation</li> <li>• Walking bass</li> <li>• Comping</li> <li>• Transcribing melody</li> <li>• Notation</li> <li>• Accompaniments</li> <li>• Development of musical ideas</li> <li>• Sibelius</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Variations Developing musical ideas</li> <li>• Reggae Music of the Caribbean</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Varying melodies</li> <li>• Ground bass</li> <li>• Major and minor</li> <li>• Sequences</li> <li>• Ornamentations</li> <li>• Sibelius</li> <li>• Grooves</li> <li>• 7th chords major and minor</li> <li>• Improvisation</li> <li>• Ensemble work</li> <li>• Improvisation</li> <li>• Singing – three part harmony</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Indian Classical Tradition Exploring Raga</li> <li>• Keyboard Skills 2 Performance and listening</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Indian Raga and structure</li> <li>• Instruments</li> <li>• Tala</li> <li>• Drone</li> <li>• Scale and mood</li> <li>• Improvisation</li> <li>• Garageband</li> <li>• Composition</li> <li>• 7th and 9th chords</li> <li>• Compound time</li> <li>• Latin American grooves</li> <li>• Ledger line notations</li> <li>• Class concert</li> </ul>

# PHYSICAL EDUCATION

Michaelmas Term	
<p><i>Topics:</i></p> <p>Tutor group lessons will consist of:</p> <ul style="list-style-type: none"> <li>• Fitness</li> <li>• Dance</li> <li>• Basketball</li> </ul> <p>Year group lessons will consist of:</p> <ul style="list-style-type: none"> <li>• Netball</li> <li>• Hockey</li> <li>• Football</li> <li>• Tennis</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Sports are taught in blocks of 6-8 weeks</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <p>Tutor group lessons will consist of:</p> <ul style="list-style-type: none"> <li>• Tag Rugby</li> <li>• Volleyball</li> </ul> <p>Year group lessons will consist of:</p> <ul style="list-style-type: none"> <li>• Swimming</li> <li>• Hockey</li> <li>• Football</li> <li>• Tennis</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Year group lessons are taught in ability groups and the groups change activities at the end of their block</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <p>Tutor group lessons will consist of:</p> <ul style="list-style-type: none"> <li>• Athletics</li> <li>• Rounders</li> </ul> <p>Year group lessons will consist of:</p> <ul style="list-style-type: none"> <li>• Athletics</li> <li>• Rounders</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• The summer term is very short in length and athletics takes a long time to teach individual events to a high standard, hence its inclusion in both lessons. From the two lessons one will be rounders and one will be athletics to give the pupils variety in the week</li> </ul>

# PHYSICS

Michaelmas Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Light</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Travelling light</li><li>• Speed of light</li><li>• Cameras and eyes</li><li>• Mirrors</li><li>• Light and lenses</li><li>• Total Internal reflection</li></ul>
Lent Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Sound</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Sound</li><li>• Pitch, vibrations and frequency</li><li>• Speed and sound</li></ul>
Summer Term	
<i>Topics:</i> <ul style="list-style-type: none"><li>• Energy</li><li>• Electricity and Magnetism</li></ul>	<i>Key Information:</i> <ul style="list-style-type: none"><li>• Heat energy and temperature</li><li>• Conduction</li><li>• Convection</li><li>• Changing state</li><li>• Radiation</li><li>• Electromagnets</li><li>• Circuits</li><li>• Magnets</li><li>• Magnetic fields</li></ul>



# RELIGIOUS PHILOSOPHY

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Religious Philosophy</li> <li>• Spiritual Dimension</li> <li>• Famous religious Lives</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Worldviews. Life after Death. Purpose. Service. Job Selection. Poverty and wealth. Sacred. Holy</li> <li>• Food. Clothing. Behaviour</li> <li>• Metaphysics. Beyond sensory experience. Peak Experience. Sense of otherness. Sixth sense. Love. Dreams. Religious experience. Visions &amp; Voices. Near Death experience &amp; RPL</li> <li>• Mahatma Gandhi, Martin Luther King, William Wilberforce, John Wesley, Elizabeth Fry, Mother Theresa, Dame Cicely Saunders</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Islam</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Life of Muhammad (pbuh)</li> <li>• The Qur'an</li> <li>• The Mosque</li> <li>• The 5 Pillars of Islam</li> <li>• The Hajj</li> <li>• Ramadam, Id-ul-Fitr&amp; Id-ul-Adha</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Christianity</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Church buildings: Font, Altar, Chancel, Lectern, Pulpit, Pews, Statues and icons</li> <li>• Christian worship: Sacraments, Eucharist, mass, Holy Communion, Liturgy, Missal</li> </ul>

# SPANISH

Michaelmas Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Describing where you live</li> <li>• House and home</li> <li>• Activities at home</li> <li>• Describing your bedroom</li> <li>• Daily routine</li> <li>• Telling the time</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Using tener</li> <li>• Making colours agree with nouns</li> <li>• Using ser and tener</li> <li>• European countries</li> <li>• Adding extra details</li> <li>• Using stem changing verbs</li> <li>• Prepositions</li> <li>• Reflexive verbs</li> </ul>
Lent Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Free time</li> <li>• Talking about sports</li> <li>• What you like to do</li> <li>• Saying what you are going to do</li> <li>• Describing your town</li> <li>• Directions</li> <li>• Making and responding to invitations</li> <li>• The weather</li> <li>• Saying what you do in town</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Using salir and hacer</li> <li>• Using ir</li> <li>• Practising pronunciation</li> <li>• Using me gusta and infinitive</li> <li>• Using ir and infinitive</li> <li>• Making comparisons</li> <li>• Using querer</li> <li>• Using cuando as a connective</li> <li>• Using two tenses together</li> </ul>
Summer Term	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Revision of activities and me gusta</li> <li>• Describing friends</li> <li>• Nationalities and places in town</li> <li>• TV programmes and films</li> <li>• Inviting someone out</li> <li>• Excuses and problems</li> <li>• Revision for summer exam</li> <li>• Film Valentin</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Using more connectives</li> <li>• Writing an extended text</li> <li>• Using the near future and present</li> <li>• Making comparisons</li> <li>• Adding expression to spoken Spanish</li> <li>• Using poder and querer</li> <li>• Phrases with infinitives</li> </ul>

# TEXTILE TECHNOLOGY

Term Rotation	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Working safely</li> <li>• Designing for a client</li> <li>• Batik, Tie-dye and Transfer Printing</li> <li>• Design ideas</li> <li>• Making a pattern</li> <li>• Cushion cover - plan, organise and make.</li> <li>• Use of CAD-CAM, computer aided design and manufacture.</li> <li>• Market research and product evaluation.</li> <li>• Evaluation – design and quality</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Revision</li> <li>• Needs of the user, fitness for purpose</li> <li>• Experimenting with traditional and modern decorative techniques in Textile Design including using design software</li> <li>• Students will need support to purchase or recycle their choice of fabrics, embellishments and cushion pad. They will need to select cotton for dyeing and polyester for printing</li> <li>• Use of ICT</li> <li>• Product specification</li> <li>• Production record of iterative design and making process</li> </ul>

# FOOD AND NUTRITION

Michaelmas or Lent Term Rotation	
<p><i>Topics:</i></p> <ul style="list-style-type: none"> <li>• Developing cooking skills to make a range of meals for the family</li> <li>• Bacterial contamination</li> <li>• Food science</li> <li>• The Eatwell guide and other models of healthy diets</li> <li>• Food provenance and moral food choices</li> </ul>	<p><i>Key Information:</i></p> <ul style="list-style-type: none"> <li>• Cooking healthy meals for the whole family, adapting these to suit individual needs</li> <li>• Types of bacteria, the conditions they need in which to survive and how to prevent the growth of bacteria</li> <li>• Changes that occur in food during cooking including introduction to gelatinisation, coagulation and shortening.</li> <li>• Heat transfer and cooking methods.</li> <li>• Understanding the Eatwell guide and the Government guidelines for healthy eating as well as being to evaluate much of the conflicting dietary advice available.</li> <li>• Where does food come from? Develop an understanding of food miles and the advantages / disadvantages of global food production.</li> <li>• Developing an awareness of ethical food choices- local food, and egg production.</li> </ul>