

Year 7 Curriculum Guide 2017-18



Traditional Values • Contemporary Aspirations • Creative Curiosity

MALET LAMBERT

Introduction

Curriculum

At Malet Lambert, the curriculum we offer aims to ensure knowledge, creativity, skills and learner success throughout the key stages. Our core purpose is to provide a positive educational experience for all our students. Year 7 will study from the new national curriculum framework to prepare each child for the new GCSE examinations in 2021. We adapt the curriculum to suit the needs of each learner to enable access and achievement for all. We ensure a strong focus on the skills required for the demands of the new GCSE and vocational qualifications and proudly use our state-of-the-art building to deliver our curriculum. We offer a wide range of courses at all levels to prepare pupils for further study at sixth form and beyond.

Year 7

Malet Lambert offer Year 7 pupils a broad and balanced range of subjects to develop pupils' subject knowledge and key learning skills. Pupils will develop independent learning, thinking skills, creativity and learner resilience through a variety of subjects and topics. Our learners gain the competences required to prepare them for the future GCSE and vocational curriculum requirements. Pupils also learn about the personal and social issues which challenge them as young adults in today's society.

Staff Contacts:

ENGLISH
MATHS
ART
COMPUTING
DRAMA
GEOGRAPHY
HISTORY
MFL
MUSIC
PHYSICAL EDUCATION
PSHE & BRITISH VALUES
RELIGIOUS EDUCATION
SCIENCE
TECHNOLOGY

Miss S Beadle
Mr M Brammall
Mr A Richardson Medd
Mr P Bell
Miss H Nickolay
Mr R Ness
Miss A Dent/Miss N Cutts
Mr M Thompson
Mrs K Wilkinson
Mr A Ripley
Mr C Berry
Mrs R Hambleton
Miss J Aldridge
Miss V Walker



English

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
<p>WRITING: Youth speaks</p> <p>Does your opinion count?</p> <p>Grammar focus: Verbs, nouns, adjectives, adverbs, tense agreement</p>	<p>WRITING: Characters in poetry</p> <p>How does poetry give us a voice?</p> <p>Grammar focus: Apostrophes, brackets, hyphens, ellipsis</p>	<p>WRITING: Summer of sport</p> <p>'It's the taking part that counts' or should you always aspire for gold?</p> <p>Grammar focus: Punctuating speech, topic sentences, paragraphing</p>
<p>READING: Journey's end</p> <p>Are we all potential heroes?</p> <p>Grammar focus: Simple sentences, compound sentences, complex sentences, connectives</p>	<p>READING: Poetry: Shakespearean villains</p> <p>Are we all potential villains?</p> <p>Grammar focus: Embedded clauses, connectives, semi-colons, colons</p>	<p>READING: Novel study</p> <p>Do we take what we have for granted?</p> <p>Grammar focus: Noun phrases, adjectival phrases, spelling strategies</p>

Main skills developed in Year 7:

- Writing, reading and speaking and listening will be assessed throughout the year
- Identifying key themes and characters in texts
- Selecting evidence to support views
- Collating information from a range of sources
- Developing vocabulary
- Key literacy skills
- Talking and listening
- Organising writing into paragraphs
- Using a range of punctuation
- Developing and understanding of different genres of writing
- Developing a range of personal, listening and thinking skills within a variety of contexts
- Learning how to use PEED (POINT, EVIDENCE, EXPLAIN, DEVELOP) when analysing a text
- Developing an understanding of how to vary sentence structures effectively
- Interpretation of meanings in poetry and the relevance of its structure
- Develop skills in working as part of a group, in pairs and independently
- SPaG

How parents can help to support their son's/daughter's learning:

- Encourage your child to review their written work and re-draft for improved technical accuracy
- Encourage reading for pleasure at home to enhance the understanding of different text types and reading for meaning
- Encourage your child to share their homework tasks with you and therefore check their accuracy, presentation and depth before handing homework in

Students will be set weekly homework tasks.

We provide the following extra-curricular clubs:

- The Creative Writing Club
- Book Club
- Poetry competitions

If you have any queries, please contact Miss S Beadle



Maths

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
Using number	Angles	Statistics
Decimals	Ratio	Interpreting data
Working with number	Sequences	3D shapes
Fractions	Using algebra	Problem solving
Percentages	Equations	Perimeter, area and volume
Probability		

Main skills developed in Year 7:

- Apply the four operations including decimals and order of operations
- Add, subtract multiply and divide fractions and mixed numbers
- Calculate percentages of amounts and percentage change
- Calculate probability relating to mutually exclusive events
- Calculate missing angles in polygons
- Divide a quantity into a given ratio
- Find the nth term of a sequences
- Solve equations
- Plot straight line graphs
- Calculate perimeter, area and volume

How parents can help to support their son's/daughter's learning:

- Ensure that your child is always equipped with a pen, pencil, ruler and calculator
- Encourage the need for meeting homework deadlines
- Encourage the need for revision to consolidate the topics taught within their maths lesson

Students will be set weekly homework. This will be in the form of a written task or computer based task.

The following websites can help your son/daughter's learning:

- www.mymaths.co.uk
- www.corbettmaths.co.uk

If you have any queries, please contact Mr M Brammall



Art & Design

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
World Art - pupils explore the Mexican Day of the Dead festival, its history, its traditions and symbols. Pupils will use this project in 2D & 3D as a platform to develop the formal elements of Art & Design - line, shape, tone, form, colour, pattern and texture. Pupils will also develop a knowledge and understanding of the craftspeople, artists and designers who produce work for this annual cultural event.		Tribal Masks – African Art and its influence on Western Culture. Symbolism of masks and their use in ritual, performance etc. Students learn how to communicate character traits through their designs Cubism – the beginnings of Modernism at the start of the 20th Century. Students learn how the Cubists viewed the World and apply this knowledge to their own 2D and 3D outcomes

Main skills developed in Year 7:

- Use of a wide variety of materials and techniques
- How to plan, develop and produce a piece of art in an organised and creative way
- How to apply the formal elements – line, shape, tone, texture, pattern and colour
- How to interpret a work of art in different ways
- How to use various sources to inspire new works
- How to interpret reality in different ways from traditional perspectives
- How to produce a work of art which clearly communicates an idea, emotion or opinion
- How to use historical sources as inspiration for contemporary design
- How to link art works to other creative disciplines



How parents can help to support their son's/daughter's learning:

- Provide paper and materials at home so students can regularly produce their own work
- Visit local exhibitions/ cultural events and discuss them
- Encourage them to go the extra mile with presentation and creativity of homework
- Watch relevant documentaries/ programmes relating to art history/ practice
- Have a go yourself!

The following websites can help your son/daughter's learning:

- www.artchive.com
- www.tate.org.uk

If you have any queries, please contact Mr A Richardson Medd

Computing

Units taught in Year 7

AUTUMN	SPRING	SUMMER
<p><i>Digital publications – How do I stay safe online?</i></p> <p><i>Students learn about online risks and other related e-safety issues. They then develop their desktop publishing skills by writing an e-safety guide for younger children</i></p>	<p><i>Digital Literacy – How digitally literate am I?</i></p> <p><i>Students study what it means to be a good digital citizen. They will cover aspects related to the real world such as copyright laws, plagiarism and good working practices. They will also learn skills that will improve their use of the internet for finding information and data and be able to identify bias, validity, accuracy and reliability in sources.</i></p>	<p><i>Coding – How are games made?</i></p> <p><i>Students study and use a graphical based programming language to identify and create the various components that are common to many games. Through this they develop and understanding of the key aspects of coding techniques. They will then apply what they have learned to create their own game</i></p>
<p><i>Computer Science – What's inside the box?</i></p> <p><i>Students gain an understanding of how computers work, what hardware and software is, input and output devices as well as basic computer architecture. Students explore the way computers carry out instructions through the fetch-decode-execute cycle</i></p>	<p><i>Digital Graphics – What makes a professional housestyle?</i></p> <p><i>Students research existing web graphics online before then developing their graphic skills using industry standard software to produce a suite of web graphics for a given scenario of their choice</i></p>	<p><i>BBC Microbit – How do you make a computer talk?</i></p> <p><i>Students will develop their coding skills further by learning how to program a Microbit to perform certain functions that utilise aspects of the hardware</i></p>

Main skills developed in Year 7:

- Design, use and evaluate computational abstractions that model the state and behaviour of real-world problems and physical systems
- Understand several key algorithms that reflect computational thinking (for example, ones for sorting and searching); use logical reasoning to compare the utility of alternative algorithms for the same problem
- Understand the hardware and software components that make up computer systems, and how they communicate with one another and with other systems
- Understand how instructions are stored and executed within a computer system; understand how data of various types (including text, sounds and pictures) can be represented and manipulated digitally, in the form of binary digits
- Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting



the needs of known users

- Create, re-use, revise and re-purpose digital artefacts for a given audience, with attention to trustworthiness, design and usability
- Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy; recognise inappropriate content, contact and conduct and know how to report concerns.
- Understand that getting the balance of technology use right is important to leading a healthy lifestyle.

How parents can help to support their son's/daughter's learning:

Encourage practicing the skills they learn at school with particular attention to learning to program in different languages by downloading and installing the relevant software which is freely available at no charge. Students will be given the links to the sites where they can find the software for free.

Students will be set homework activities for longer projects which require work to be produced and used in the following lessons.

We provide the following extra-curricular clubs:

- Homework drop in sessions during lunchtimes or after school

If you have any queries, please contact Mr P Bell

Drama

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
Serious Fun	The Witches	Matilda
Students will learn about the basic skills and techniques needed to make and develop effective drama in class together. Drama is a personal discipline as well as a practical activity and a performing art form, and it is challenging as well as enjoyable.	Students will be learning about Roald Dahl's characters in this intriguing and entertaining story and how they can be portrayed using voice and movement skills. Students will develop their ability to work collaboratively and create interesting and original drama together.	Students will develop a deeper understanding of the formal elements, terms, definitions and use in drama. In this final unit students will build confidence / self-esteem and teamwork by applying acting skills and explorative strategies independently.

Students are developing their ability to:

- Participate in practical exercises and assignments responsibly, confidently and effectively
- Explore and experiment in drama activities using a range of techniques, voices and movements
- Fulfill different roles and perform them in the class/group
- Explain their own and others' work giving similarities and differences
- Identify their own successes and give the reasons
- Consider how the drama was created, performed and seen

Each of the drama activities used offers opportunities for students to develop their teamwork, focus, energy, character, imagination, narrative language skills, spontaneity, confidence and trust. Students can overcome inhibitions and build positive relationships: all of these are essential to future successes for life.



How parents can help their sons/daughters to learn in Drama:

- Encourage your child to talk about what they did in their lessons – to describe the characters they played and the situations their characters experienced
- Watch a television drama together and discuss why the characters did what they did (motivation) and try to explain how the actors communicate what they are feeling (using their facial expressions and body language)
- Encourage your child to see live drama – school productions and showcases, local theatre productions

Homework is set once every half-term: this could involve the completion of a worksheet, responding to questions or completing a task.

The following website can help your son's/daughter's learning:

- www.bbc.co.uk/bitesize/ks3

We provide the following extra-curricular activities:

- KS3 Drama Club (weekly 3.15pm – 4.15pm)
- KS3 Dance Club (weekly 3.15pm – 4.15pm)
- School production (lunchtime and after-school rehearsals and some weekends)

If you have any questions, please contact Miss H Nickolay

French

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
Moi , ma famille et copains	Ma vie quotidienne	Où j'habite et les passe-temps
<p>Introducing yourself Describing yourself and others Describe your favourite object Looking at French- speaking regions Describing your personality Talking about family members and friends Give opinions of school subjects Home and family life: comparing yourself how you used to be</p>	<p>Talking about school and where you live Discussing leisure activities and personal possessions Describing animals Talk about what you eat and drink at different mealtimes Give opinions on food and drinks Say where you like to eat out; ordering food in a café Use quantities and understand recipes Talk about food specialities and art</p>	<p>Talking about your local area Describing your town Say what you can do at different places Ask for and give directions Arrange to go out and where to meet General lifestyle Talking about clothes and giving opinions on style Discussing what to wear on different occasions Say when and how often you do activities at the weekend Music preferences and national events</p>

Main skills developed in Year 7:

- Establishing key sound-spelling links to help pronunciation of the new language
- Memory strategies to enable effective learning of the new language
- Understanding when and how to use a French dictionary to develop independence in creative writing
- Understanding verbs endings to support their knowledge of the present tense
- Speaking and listening skills to support progression through to key stage four
- Reading and writing skills
- Using a range of connectives and openers to make writing more interesting
- Using adjectives to describe, and intensifiers to make descriptions more interesting
- Developing personal opinions
- Using the immediate future tense
- Understanding translation skills into both languages (French and English)
- Developing skills to speak spontaneously in French
- Producing and understanding role-plays
- Developing key structures to allow pupils to talk about any photo



How can parents help to support their son's/daughter's learning:

- Encourage vocab learning at home by using look/say, cover, write, check technique.
- Encourage the use of 'memrize' to embed topic specific vocabulary
- Check pupil planners regularly to ensure you can see what their homework is in French.
- Using www.wordreference.com to check any unknown words with your son/daughter.

Students will be set weekly online homework (www.doddlelearn.co.uk) which will consist of vocab learning and a quiz to consolidate their learning. Vocab learning is really important for their progression in Spanish. Worksheets usually support skills that they have acquired in lessons and will consolidate learning. Homework tasks could be reading activities, grammar worksheets, translation tasks, or even extended writing. Advice and guidance is available in the MFL section of our website with how you can support your child's language learning experience through our online homework software.

The following websites can help your son/daughter's learning:

- www.doddlelearn.co.uk
- www.wordreference.com
- <http://www.bbc.co.uk/education/levels/z4kw2hv>

We provide the following extra-curricular activities:

- Revision/catch up sessions to support progress in Year 7

If you have any questions, please contact Mr M Thompson..

Geography

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
<p>Unit 1 What is geography & map skills.</p> <p>Pupils will gain an understanding of what geography is and make the distinction between human and physical features. Map skills will be introduced and pupils will learn grid references, scale, direction, map symbols and height on maps.</p>	<p>Unit 2 Settlement & shopping</p> <p>The unit gives pupils an understanding of settlement type and pattern linking to examples from around the world.</p> <p>Pupils will investigate settlement hierarchy and the land use zones of a city relating to local examples. Types of shop will be studied and trends and patterns in shopping will be investigated. Impacts of changes in shopping habits will be looked at.</p>	<p>Unit 3 Tourism</p> <p>This unit of work is all about tourism and sustainability and the ways we can protect our environment. It covers a wide range of tourism issues from declining UK tourist resorts to new ecotourism resorts in South America. Pupils will understand the impacts of tourism on the environment at a range of scales and the ways that this can be reduced.</p>
		<p>Unit 4 Thailand</p> <p>Pupils will learn about the culture and physical geography of Thailand. They will explore the way people live their life in a Southern Asian country and compare quality of life and standard of living to that of the UK.</p>

Main skills developed in Year 7:

Geographical skills:

- Map skills including using atlases, globes, maps at a range of scales, photographs, satellite, images and other geographical data
- Constructing maps and plans at a variety of scales, using graphical techniques to present evidence
- Investigation skills including analysing data, evaluating methods and forming conclusions
- Evaluating and justification
- Decision making and problem solving skills
- Communicating knowledge and understanding using geographical vocabulary and conventions in both speech and writing
- Literacy and numeracy skills:
- Spelling
- Punctuation
- Language analysis
- Analysis of structure and form

- Organisation
- Understanding
- Communication of ideas
- Comparisons and links
- Vocabulary choices
- Grammar

How can parents help to support their son's/daughter's learning:

Please go to the Geography of our website and download our geography booklet for detailed information on how to support your child.

The following websites can help your son/daughter's learning:

- www.curriculumbits.com/geography/waterfalls
- www.bbc.co.uk/news
- mapzone.ordnancesurvey.co.uk/mapzone
- www.nationalgeographic.co.uk/uk

We provide the following extra-curricular clubs/fieldwork opportunities:

- Our local area

If you have any queries please contact Mr R Ness



History

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
What is History?	The Tudors and Stuarts	
Medieval Britain.	Who won: Catholics or Protestants?	
What was life like before the Battle of Hastings?	Henry VIII Edward VI Mary I Elizabeth I	The Gunpowder Plot
How did William take control of Britain?	Why were people rebellious in the Tudor times?	The English Civil War
Who was more powerful: King or Church?	What changes impacted on Crime and punishment in the Tudor period?	Why were there changes in Crime and Punishment in the Stuart period?
Why was there a murder in Canterbury Cathedral?		
How gruesome was crime and punishment in Medieval Britain?		

Main skills developed in Year 7:

- Chronology
- Organisation and communication skills
- Historical enquiry
- Structuring written work
- Interpretation and source work
- Knowledge and understanding

Please refer to the whole school homework policy.

How can parents help to support their son's/daughter's learning:

- Encourage your child to watch the news and discuss it
- Encourage your child to read widely including newspapers and websites
- Encourage your child to visit museums and historical sites

The following websites can help your son/daughter's learning:

- www.bbc.co.uk/history
- www.nationalarchives.gov.uk/education
- www.historyonthenet.com
- www.schoolhistory.co.uk

We provide the following extra-curricular opportunities:

- Horrible Histories theatre trips

If you have any queries please contact Miss A Dent or Miss Cutts.



Music

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
<p>Transition unit: What is Music?</p> <p>Pupils will learn about the building blocks that combine to create music. They will explore this through, theory, listening, performance, composition and use of music technology. By the end of the unit pupils will know the basics of how to read music and recognise musical signs and symbols. They will also have developed basic performance and composition skills.</p>	<p>African Music</p> <p>Pupils will learn about African musical traditions. This includes African instruments, musical characteristics and the context of music within African culture.</p>	<p>Music and Emotions</p> <p>During this unit pupils will explore the links between music and emotions, investigating how music can affect our mood and the way we feel. Pupils will build on the performance skills they developed in the first two terms and will also explore composing using music technology.</p>

Main skills and understanding developed in Year 7:

- Basic music reading – treble clef
- Basic performance skills – instrumental and vocal, solo and ensemble
- Basic composition skills and form
- Listening, analysis, and discussion of a range of music from different genres and historical periods
- Basic music technology skills
- The elements of music – pitch, rhythm, structure, texture, tempo, duration, dynamics
- Recognising and discussing music from other cultures
- African drumming

Pupils will complete at least one homework activity every half term, linked to the unit of study for each term.

How parents can help to support their son's/daughter's learning:

- Encourage participation in extra-curricular activities
- Encourage exposure to a wide range of musical genres, including contemporary popular music
- Monitor the completion of homework activities

The following websites can help your son/daughter's learning:

- www.musiceducationuk.com
- www.musicteachersgames.com
- www.whymusicmatters.org

We provide the following extra-curricular clubs:

- Choir
- Wind Band
- Percussion Ensemble
- String Group
- Guitar Jam Club
- Keyboard Club
- Instrumental lessons on a wide variety of orchestral and popular instruments (charges apply)

If you have any queries, please contact Mrs K Wilkinson



Physical Education

Units taught in Year 7:

Over the school year we will cover the following sports, dependent on gender. Each term, we will focus on improving the necessary skills needed to perform well and progress in that type of sport, along with general fitness and stamina training, and healthy living awareness.

The department chooses to offer a wide variety of activities to ensure that students are challenged to develop a diverse skill set. During lessons, practical skills are backed up with theoretical physical education knowledge to equip students with the information needed to make the correct decisions regarding their health, fitness and wellbeing alongside a level of understanding that can lead to the uptake of GCSE Physical Education in KS4.

Boys

AUTUMN	SPRING	SUMMER
Rugby, Football, Basketball, Fitness, Table Tennis		Cricket, Athletics, Softball

Girls

AUTUMN	SPRING	SUMMER
Netball, Football, Rugby, Hockey, Fitness, Dance, Table Tennis		Rounders, Athletics

Main skills developed in Year 7:

- Basic motor skills
- Techniques from a variety of sporting activities
- Rules and tactics
- Communication
- Teamwork
- Knowledge of different types of competition
- Knowledge of how to improve fitness levels

How parents can help to support their son's/daughter's learning:

- Encourage active healthy lifestyle and balanced diet
- Encourage your child to take part in extra curricular activities
- Encourage them to take part in sporting activities outside school
- Encourage your son/daughter to be well organised regarding their PE kit
- Encourage your child to watch live sport and develop knowledge of tactics and rules

The following websites can help your son/daughter's learning:

- Relevant National Governing body websites e.g. www.thefa.com
- www.bbc.co.uk/schools/gcsebitesize/pe
- Follow the PE twitter account for updates from the PE Department @maletlambertpe
- www.teachpe.com

We provide a very extensive extra-curricular programme, please see the extra-curricular timetable for more information.

If you have any queries, please contact Mr A Ripley



PSHE

PSHE and SMSC will be taught over six 'Enrichment Days' throughout the year. Students will be able to engage in exciting, inspiring and motivating workshops and activities, under three statutory headings: Health & Wellbeing, Living in the Wider World and Relationships.

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
<i>Health and Wellbeing</i> <i>Puberty & body image</i> <i>My New School</i> <i>Restart a Heart</i>	<i>Relationships/Living in the Wider World</i> <i>Teamwork and cooperation</i> <i>Festival of nations</i>	<i>Living in the Wider World</i> <i>Our Community</i> <i>Desert island Living</i> <i>Being a good Citizen</i>
<i>Relationships</i> <i>Online bullying</i> <i>Friendships and healthy relationships</i>	<i>Health and Wellbeing</i> <i>Study Skills and dealing with stress</i>	<i>Health and Wellbeing</i> <i>Puberty and personal hygiene</i>

Main skills developed in Year 7:

- Acquisition of information on a range of health issues that are relevant to age, maturity and understanding
- The development of emotional and social skills, including skills for learning, achieving, managing change and looking after health
- The exploration and clarification of values and beliefs, including respect, morality and an understanding of cultural diversity
- Developing a range of Personal, Listening and Thinking Skills within a variety of contexts
- Selecting evidence to support views
- Collating information from a range of sources
- Developing relevant and specific vocabulary
- Talking and listening with peers
- Organising views into structured pieces of writing



How can parents help to support their son/daughter's learning:

- Encourage discussions about local and national issues with your son/daughter.

Students will be set short homeworks to complete research work related to issues studied during the lesson.

The following websites can help your son/daughter's learning:

- www.drinksense.org
- www.talktofrank.com
- www.samaritans.org
- www.rethink.org
- www.cluedupinhull.com
- www.thesite.org
- www.anred.com
- www.b-eat.co.uk

We provide the following extra-curricular clubs/fieldwork opportunities:

- Hull Youth Parliament
- Chinese New Year and European Day of Languages

If you have any queries please contact Mr C Berry

Religious Studies

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
	Unit 1 Faith in the local community	Unit 2 Religion and Festivals

Main skills developed in Year 7:

- Describing key religious beliefs
- Explaining the significance of religious beliefs
- Developing an understanding of ultimate questions
- Justifying opinions about religious and moral issues
- Organisation and communication skills
- Empathy and respect
- Literacy skills

How can parents help to support their son/daughter's learning:

- Ensure that all homework is completed on time
- Read through your child's exercise book and discuss targets which have been set
- Support your child in spelling keywords correctly which have been identified in their exercise book
- Encourage your child to watch the news and read newspapers, and discuss religious and moral issues which they find interesting
- Encourage your child to consider the views of other people, and to show empathy to others

Students will be set homework on a regular basis to extend their learning. This might include short weekly tasks or longer projects which require work each week.

The following websites can help your son/daughter's learning:

- www.reonline.org.uk/ks3
- www.bbc.co.uk/schools/websites/11_16/site/re.shtml
- www.religiouseducation.co.uk

We provide the following extra-curricular clubs/fieldwork opportunities:

- Year 7 Homework club

If you have any queries please contact Mrs R Hambleton.



Science

Units taught in Year 7

Topics are taught on rotation throughout the year

<p>Why don't robots reproduce?</p> <p>Pupils will learn how to use a microscope to study cells and how to identify the main features of animal and plant cells. They will also learn how reproduction occurs in plants and animals and the changes that occur during pregnancy.</p>	<p>What is the Universe made of?</p> <p>Pupils will learn about the arrangement of particles in solids, liquids and gases and will explore the differences between elements, mixtures and compounds. Following on from this, they will investigate separation techniques for mixtures.</p>	<p>How could the Sun power the Earth?</p> <p>Pupils will learn about the various methods used to generate electricity and the energy transfers that take place. They will also investigate how heat is transferred via conduction, convection and radiation.</p>
<p>What should we save the lion or the dandelion?</p> <p>Pupils will learn about different habitats and how animals or plants can be adapted to survive in them. They will also explore how food chains occur within an ecosystem – relating this to pyramids or biomass and numbers.</p>	<p>Do bees prefer lemon juice or toothpaste?</p> <p>Pupils will learn the difference between acids and alkalis and how to identify them using indicator. They will perform and write equations for neutralization reactions.</p>	<p>How does Science win the Grand Prix?</p> <p>Pupils will learn how to calculate speed and how to interpret graphs of a journey, they will also look at forces in different situations and how these can affect the motion of an object.</p>



Main skills developed in Year 7:

- How to work safely within a science lab
- Identifying and analysing evidence to make conclusions
- Recording and presenting results accurately and in a useful way
- Developing key vocabulary

How can parents help to support their son/daughter's learning:

- Discuss science related topics in everyday situations
- Encourage your child to work out answers for themselves
- Talk to your child about what they have learned in school
- Encourage questioning of things they hear or are interested in
- Wherever suitable, supervise scientific research on the computer

Pupils will be set homework tasks through each topic they follow.

The following websites can help your son/daughter's learning:

- <http://www.bbc.co.uk/education/subjects/zng4d2p>

If you have any queries, please contact Miss J Aldridge.

Spanish

Units taught in Year 7:

AUTUMN	SPRING	SUMMER
Mi familia y yo	¿Dónde vives?	Los pasatiempos
Greetings and introducing yourself Using the verb 'tener- to have' and learning numbers Personal information- birthdays, age, school life etc. Understanding key grammar concepts Talking about your family and pets Describing yourself and others Develop creative writing in Spanish	Describing where you live Talking about your home Describing your daily routine Writing a longer passage Adding in extra detail into sentences, using reflexive verbs Saying what your town is like Talking about the weather in your city Using two tenses together Including comparatives in your work	Talking about your school subjects, teachers Giving opinions and reasons why Discussing certain snacks that you like and why Saying what you like to do in your free time Talking about sports Telling the time Saying what you are going to do in the future Developing pronunciation Literacy and linguistic skills to prepare for Year 8

Main skills developed in Year 7:

- Establishing key sound-spelling links to help pronunciation of the new language
- Memory strategies to enable effective learning of the new language
- Understanding when and how to use a Spanish dictionary to develop independence in creative writing
- Understanding verbs endings to support their knowledge of the present tense
- Speaking and listening skills to support progression through to key stage four
- Reading and writing skills
- Using a range of connectives and openers to make writing more interesting
- Using adjectives to describe, and intensifiers to make descriptions more interesting
- Developing personal opinions
- Using the immediate future tense
- Understanding translation skills into both languages (Spanish and English)
- Developing skills to speak spontaneously in Spanish
- Producing and understanding role-plays
- Developing key structures to allow pupils to talk about any photo



How can parents help to support their son's/daughter's learning:

- Encourage vocab learning at home by using look/say, cover, write, check technique.
- Encourage the use of 'memrize' to embed topic specific vocabulary
- Check pupil planners regularly to ensure you can see what their homework is in French.
- Using www.wordreference.com to check any unknown words with your son/daughter.

Pupils will be set weekly online homework (www.doddlelearn.co.uk) which will consist of vocab learning and a quiz to consolidate their learning. Vocab learning is really important for their progression in Spanish. Worksheets usually support skills that they have acquired in lessons and will consolidate learning. Advice and guidance is available in the MFL section of our website with how you can support your child's language learning experience through our online homework software.

Homework tasks could be reading activities, grammar worksheets, translation tasks, or even extended writing.

The following websites can help your son/daughter's learning:

- www.doddlelearn.co.uk
- www.wordreference.com
- <http://www.bbc.co.uk/education/levels/z4kw2hv>

We provide the following extra-curricular activities:

- Revision/catch up sessions to support progress in Year 7
- If you have any questions, please contact Mr M Thompson..

Technology

Units taught in Year 7:

Pupils will study the 3 main areas of Technology throughout the year.

AUTUMN	SPRING	SUMMER
<p>Textiles</p> <p>In Year 7, pupils will look at a range of different textile artists such as Lucy Sparrow, Danielle Budd and Deirdre Hawken who design and make food produce made entirely out of felt and materials. Pupils will be tasked with designing and making their own range of felt food produce. They will develop skills using a range of textiles techniques such as appliqué, embroidery and surface detailing.</p>		
<p>Food Technology</p> <p>Pupils are introduced to the safe practices of a kitchen and how to use a range of tools, including oven/hobs accurately and safely. Pupils make fruit salad, Fruit crumble, scones and pizza and carry out Food Science investigations- which begin to explore the functions of ingredients used. They learn about Food miles, seasonal produce and how to make healthy food choices.</p>		
<p>Resistant Materials</p> <p>In this module students learn how to use a range of workshop tools safely and accurately. Students work towards making a steady hand game that encompasses a simple soldered circuit.</p>		



Main skills developed in Year 7:

- Using a range of machinery to aid in the production of practical outcomes
- Researching existing products to provide knowledge and inspiration
- Developing key vocabulary
- Talking and listening – peer and self-assessment
- Drawing and communication skills
- Developing and improving independence and confidence in their own skills

How parents can help to support their son's/daughter's learning:

- Purchasing ingredients for Food Technology practical lessons
- Ensuring pupils follow the Health and Safety contract, which is sent home at the start of Year 7
- Taking an interest in the projects they are involved with, by discussing school work at home

Pupils will be set homework weekly in Technology subjects.

The following websites can help your son/daughter's learning:

- www.bbc.co.uk/bitesize

We provide the following extra-curricular clubs:

- Key stage 3 Design Club in summer terms
- Key Stage 3 Fashion Show club
- Key stage 3 Incredible Edibles Food Science Club

If you have any queries, please contact Miss V Walker





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