

ST LAURENCE SCHOOL YEAR 8 CURRICULUM MAP 2024-25

St Laurence School
Care • Inspire • Succeed

Contents

Art	3
Dance	4
Drama	6
English	7
Food	9
French	10
Geography	11
German	13
History	14
Maths	15
Music	16
Physical Education	18
PSHE	19
RE	20
Resistant Materials	21
Science	22
Textiles	24

Art

Term 1		Term 2	Term 3	
Endangered Animals + Digita	al Art	Animal Illustration – Daniel Mackie	Surrealism Perspective/ Scale	
Pupils will study the proportion	ions of animals, looking	Pupils will draw landscapes using line and tone, this	Pupils will start to gain a deeper understanding of	
at tone and shading to create	•	will be an introduction to basic perspective through	art history by looking at fine artists like Rene	
making to add texture. They		drawing. Pupils will also refine and practise skills	Magritte, Frida Kahlo and Salvador Dali. They will be	
endangered wildlife and prod	duce a fact file and even	learnt so far.	taught one and two-point perspective and learn how	
adopt an animal as a class!		Inspired by Daniel Mackie, pupils will design, create	to draw from various perspectives.	
In the ILC students will explor	re Photoshop and the	and evaluate a final piece which will be created	Students will undertake visual research to develop	
double exposure technique.		through the use of watercolours. In addition, they	understanding of perspective as an art form.	
Pupils will also get to see the	•	will use their digital skills to create a poster which		
within art, craft and design; f	from illustrators, to film	supports the WWF charity.		
makers and photographers. Term 4		Term 5	Term 6	
	<u> </u>			
Surrealism Perspective/ Scal Working towards a final piece		Imaginary Monsters - book illustration and amination	Imaginary Monsters- book illustration and amination	
	•	Pupils will study the work of Illustrator Tim Burton	Pupils will develop and refine their recording skills	
own dreams, scale, and perspective, students will create a A3 piece of work using 2D materials of their		and local animation studio, Aardman, to see what	by creating a final book cover illustration. They will	
choice. In addition, pupils wil	_	makes a character or monster scary or comical. They	also explore 3D materials to make sets and	
create photomontage.	ii ase i notosnop to	will look at 'exquisite corpses' to get their	characters out of plasticine or clay which they will	
Inspired by photographer, Sli	inkachu, students will	imagination and ideas flowing.	film and animate to explore stop motion.	
take their own surrealist pho		Students will design their own imaginary character	Time and animate to explore stop motion	
		for a children's book, working on font design and a		
		digital cover in Photoshop.		
Resources Stude	ents are provided with a s	ketchbook for the year. All materials needed will be pro	vided by school.	
Setting Stude	Students are taught in mixed ability Learning Groups.			
Assessment Stude	Students are assessed formally at the end of each project but have regular formative assessments throughout the term			
Trips and expenses None	None			
Home Learning We se	We set homework twice per term (6 week block); one is assessed and one to support the learning in class which is research, revising or			
gathe	ering resources or taking p	resources or taking photos.		
Extension work Art cl	lub runs every other term	which is an opportunity to work with a teacher improvi	ng specific skills	

Dance

Term 1		Term 2	Term 3
Graffiti Banksy		Capoeira	Ghost Dances
Warm up phrases and tech	nique.	Warm up phrases and technique.	Warm up phrases and technique.
Responding to a visual stim		History and context of Capoeira.	Professional repertoire watching.
Exploration of gesture and		Learning capoeira key actions.	Understanding the professional work 'Ghost
Exploration of Banksy artwo		Examining Capoeira techniques.	Dances'.
Using choreographic device		Use of mirroring.	Set Motifs and Motif development
Creating a three-part chore	ography.	Use of action and reaction.	Trio work
		Use of focus and eyeline and improving concentration.	Contact work, lifting, balancing weight taking
		Building stamina and strength	Use of costumes and props
Choreography assessment		Performance Assessment	Choreography Assessment
Term 4		Term 5	Term 6
Break Dance		Jazz Dance	Stimulus choreography responding
Warm up phrases and tech	nique.	Warm up phrases and technique.	Warm up phrases and technique
			Physical skills (posture, coordination, extension
Physical skills developed isc	lation, coordination,	'West Side Story' introduction.	and mobility).
mobility and strength.		Jazz dance history.	
Understanding how black c	ulture influenced dance.	Learning jazz repertoire and set actions.	Choreography
Set Break Dance actions tau	ıght.	Conflict used as a stimulus.	Responding to stimulus
Performing a Break dance p	hrase.	Group formations explored.	Motif creation, in response to stimulus
		Use of action reaction skills.	(can move into term 6)
Performance assessment		Performance Assessment	Choreography Assessment
Kit	St Laurence Blue PE tops, PE shorts or thick plain black or navy blue (none see through) leggings. Hair tied back. No jewellery. Bare feet.		
Setting	Students are taught in mixed ability Learning Groups.		
Assessment	There will be regular class performance assessments. All students also complete skills assessments at the end of each lesson. This tests Physical, Technical, Expressive and Mental skills. Theory knowledge and understanding will also be assessed.		
Trips and expenses	While there are no set trips, one-off dance trips may occur, and students are actively encouraged to go to the theatre to watch dance as much as possible.		

Home Learning	Students are encouraged to practice dances outside the lesson to improve physical skills.
Extension work	Extra-curricular KS3 Bath Forum Dance club.

Drama

Term 1		Term 2	Term 3
Baseline Assessment Using Revolting Rhymes b	y Roald Dahl	Development of Core Skills Working with the voice Creating a character Communicating status on stage	Development of Subject Skills Puppetry
Term 4		Term 5	Term 6
Subject Skills Developing Devising Skills – working from a stimulus		Appreciating Live Theatre Writing a theatre review	Subject Skills/Knowledge and Understanding Greek Theatre Script Work – Blood Brothers by Willy Russell
Text book	None used		
Setting	Students taking Drama will be in mixed ability groups		
Assessment	There will be regular class performances and students are assessed formally at the end of each term on creating, performing and/or evaluating Drama.		
Trips and expenses	It is hoped that Year 8 will be given the opportunity to watch at least one piece of live theatre.		
Home Learning	N/A		
Extension work	Extra-curricular Drama including a summer term production		

English

Term 1 and 2		Term 1 and 2	Term 3
Visions		Visions	Reading the World
Romantic Poetry Understanding how the Rom of the world, especially in rel sublime. Exploring the effect techniques in poetry from we and Wordsworth; exploring a poets shows a vision of the we including an essay on William responses to nature through	ation to nature and the of using poetic riters including Blake and comparing how world through language, a Blake; writing personal	A Monster Calls Developing a critical understanding of a novel and discussing the key issues within it; understanding how a novelist creates characterisation, mood and atmosphere; writing essay and empathic responses.	Short stories Reading and engaging with a variety of fiction texts from different cultures including 'The Gold Cadillac' and 'Amir and George'; developing skills in close language analysis and annotation; comparing texts in terms of theme.
Term 4		Term 5	Term 5 and 6
Speaking the World		Journeys	Journeys
Writing about Place Using a variety of short style material, students experimen different techniques to descr ways that bring these to life.	nt with a range of	Mythology Exploring a range of myths from different times and cultures; analysing purpose, characterisation, structure and language; planning and writing a short story about an encounter with a mythical creature.	A Midsummer Night's Dream Showing appreciation of the techniques and language used by Shakespeare; key scene analysis; developing an understanding of the play in performance; learning about the historical context of the play, especially in relation to gender roles and marriage.
i	Students will study a range of short stories, non-fiction texts, and various poems throughout the year (some exact texts are decided by individual teachers), as well as the play <i>A Midsummer Night's Dream</i> . All students will also study the novel <i>A Monster Calls</i> by Patrick Ness.		
Setting	Year 8 are in mixed ability, mixed gender sets.		

Assessment	There is at least one summative assessment per short term, and we assess a range of reading and writing skills. Schemes of learning are designed to enable students to develop the knowledge and skills required for the assessments beforehand, through formative assessment, modelling of work and building on prior knowledge and skills.
Trips and expenses	There are no extra expenses or trips in Year 8. However, the English department runs writing clubs as well as the Carnegie Medal Reading group. Students also have the opportunity to visit the ILC once a fortnight to discover new books and develop their enjoyment of reading. We have been lucky to have authors visit Year 8 students in recent years.
Home Learning	Students will have at least one English home learning task a week. Occasionally, students will be given a longer task to complete over an extended period of time.
Extension work	Both classwork and homework should be accessible, but also differentiated, so that there is an opportunity for students to be appropriately challenged. There is also an extensive book list put together by the English department and ILC, accessed through the school website, which has many wider reading texts that complement the scheme of learning that is being studied.

Food

Term 1/3/5*		Term 2/4/6 *	
Students learn about staple foods and the factors influencing food availability in different parts of the world. They consider how religion may affect food choice. Sustainable food		Design and make project Design and make a savoury and sweet dish that would be suitable for sale in the Beach Café. It should be aimed at encouraging young people to eat more fruits and vegetables in their diet.	
 sources are also explored. Develop practical skills further through focused practical tasks e.g. use of filo pastry, making curries, bolognaise, short-crust pastry etc 		 Scales of production in the food industry How to avoid food poisoning, including safe storage of food 	
Resources	Students will be required to bring in ingredients for their practical lessons.		
Setting	Students are taught in mixed ability teaching groups. They rotate through RM, Food and Textiles modules throughout the course of the year. * Each module lasts approximately two terms (three hours per fortnight)		
Assessment	Students are assessed formally at the end of each project but have on-going formative assessments focusing on generating ideas, planning, making and evaluation.		
Trips and expenses	Cost of ingredients for practical work (The Food teacher should be notified if this presents any difficulties as help can be sought for the school to provide these ingredients).		
Home Learning	Sourcing, weighing and preparing of ingredients is considered to be homework for all students and this will be set once a fortnight. On the odd occasion, students will have tasks to complete at home. This will be completing design ideas, completing time plans or carrying out a piece of research. This will be set once per term.		
Extension work	Students are encouraged to extend their interest in food-related issues e.g. through food in the news or websites such as: • www.foodafactoflife.org.uk • www.nutrition.org.uk • www.nhs.uk • www.food.gov.uk		

French

Term 1		Term 2	Term 3
Key irregular verbs: être, av	oir, aller, faire	The perfect tense (regular -er with avoir)	Perfect and near future tense
TV programmes		What you can do in Paris	Personality and describing other people
Films		When you like doing	Relationships
Reading		Asking for tourist information	Music
Internet		What you visited and opinions	Style and fashion
Activities		What you did in Paris	
Term 4		Term 5	Term 6
Perfect and near future tens	se (continued)	Je voudrais	Using a range of tenses
Talents and ambitions		Where you would like to live	French cartoons and books
Clothing		Describing your town	French-speaking music
Talking about last weekend		Describing your home	French film
		Meals	
		Food shopping	
		Events du/ de la/ de l'/ des	
Resources	We follow the Studio 2	l textbook from Pearson although we do not feel buying a	a copy for at home is necessary.
		ption to the Linguascope website. Login details will be o	
Setting	Students are taught in mixed ability groups according to the language they selected to pursue in Year 7.		cted to pursue in Year 7.
Assessment	There will be regular class vocabulary tests. All students also complete common assessments at the end of each until which test		n assessments at the end of each until which test
	listening, speaking, reading and writing skills, these will also test students' translation skills both into and from the foreign language.		
Home Learning	Home learning is set once per cycle of the timetable and can include vocabulary learning, reading comprehension tasks, cultural		
	research, written tasks and online tasks on the ActiveLearn platform.		

Geography

Term 1		Term 2	Term 3
Why do rivers flood?	s flood? Where does our energy come from?		Why are our industries changing?
Continuing the study of geographical processes and landforms, students will begin to look at how rivers change from source to mouth. With recent and local events in mind, students will also focus on the causes and impacts of flooding (e.g. Bradford-on-Avon and Somerset floods, 2013/14) and develop decisionmaking skills. An important topic that looks at the UK's energy supplies and dependency on foreign imports and fossil fuels. Students will develop locational knowledge of regions such as the Middle East and evaluate new technologies such as fracking or renewables. Ultimately students will form their own opinions on the various options for the future.		A study of the different forms of industry and economic activities. Students learn new terminology linked to different careers, examine the decline of manufacturing in the UK and economic growth in countries like China. Students will study the role of transnational corporations (TNCs) within this "globalisation" process.	
Term 4 and Term 5			Term 6 What is the rainforest like?
Why does our weather change? A study of the British weather and why it is so varied! Students will look at different weather systems, discuss the terminology used in our daily weather forecasts and consider how weather is measured. Students will participate in a thorough investigation into the microclimates of St Laurence School. There will be opportunities to develop graphing and data interpretation skills.		A detailed look at the Earth's most diverse and productive environment. Students will investigate the climate and characteristics of the rainforest ecosystem, before appreciating the threats and opportunities that exist. There will be opportunities to develop graphing and data interpretation skills.	
Text book	While we may use certain pages for various topics, we do not use one text book at KS3 Geography.		
Setting	None - students are taught in mixed ability Learning Groups.		
Assessment	All students complete common assessments throughout the topics (they will complete approximate 1 or 2 per topic). Homework tasks and classwork will also contribute towards students' progress.		
Trips and expenses	While there are no set trips, one-off excursions may occur (e.g. in the past we have visited the Olympic Park) and students are actively encouraged to explore their local surrounds and use maps regularly – Geography is all around you! There is the potential for a rivers trip in term 1 in the future. Year 8 Geography also makes good use of the school grounds within our weather and climate topic.		

Homework	Geography homework will be set approximately fortnightly and may include research/fact-file tasks, presentations, written reports or revision for in-class assessments. Whilst this will not be explicitly marked, it will be used to support your child's progress in lessons.
Extension work	Students should always try to keep an eye on the various news outlets. Useful websites include the following:
	- http://www.bbc.co.uk/science/earth
	- http://www.bbc.co.uk/science/earth/water_and_ice/glacier
	- http://www.bbc.co.uk/nature/habitats
	- http://www.bbc.co.uk/newsround/

German

Term 1		Term 2	Term 3
Es gibt		Perfect tense	Irregular present tense verbs
Shops and other places in	town	Where you went on a holiday	Breakfast foods
Directions		What you did on holiday	German food and meals
Modes of transport		The weather	Healthy lifestyles
Comparing places "then"	and "now"	Buying tickets/ making a booking	Parts of the body
		Problems on holiday	A visit to the doctor
Term 4		Term 5	Term 6
Gern, lieber, am liebsten		Adjective endings	
Films and film reviews		Daily Routine	
TV programmes		Clothes	
Mobile phones and the in	ternet	Getting ready to go out	
Reading and book reviews	S	Rooms in the house	
Resources	We follow the Stimmt 2 textbook from Pearson although we do not feel buying a copy for at home is necessary. The school has a subscription to the Linguascope website. Login details will be distributed in class.		• •
	Students will also be given	given a log in to an interactive learning platform called ActiveLearn.	
Setting	Students are taught in mixed ability groups according to the language they selected to pursue in Year 7.		d to pursue in Year 7.
Assessment	All students complete common assessments at the end of each until which test listening, speaking, reading and writing skills, these will also test students' translation skills both into and from the foreign language.		
Home Learning	Home learning is set once per cycle of the timetable and can include vocabulary learning, reading comprehension tasks, cultural research, written tasks and online tasks on the ActiveLearn platform.		

History

Term 1		Term 2	Term 3
EQ1: How did people react to the religious rollercoaster of the English Reformation? EQ2: Did life get better in the Early Modern Period?		EQ3: How and why was Africa 'invented' in the 19th century? Q4: Why bother studying the French Revolution?	EQ4: Why bother studying the French Revolution? EQ5: What were the origins and impact of the transatlantic slave trade?
Term 4		Term 5	Term 6
EQ6: How far did political power shift in the Early Modern Period? EQ7: Why was there a shift in power during the industrial period?		EQ7: Why was there a shift in power during the industrial period? EQ8: Did life for ordinary people improve in the Industrial Period?	EQ8: Did life for ordinary people improve in the Industrial Period? EQ9: Did the Enlightenment really 'stamp out' religion in Britain?
Text book	We use a wide range of resources. Teaching & learning is not based on a textbook.		
Setting	Students are taught in mixed ability Learning Groups.		
Assessment	At the end of each enquiry, students will produce a piece of work that demonstrates their understanding of the disciplinary skills and substantive knowledge that the enquiry has focused on. Four of the eight end tasks will be formally assessed, but all contribute to a buildi a picture of the progress students are making. Students will also complete regular knowledge tests for each topic.		t end tasks will be formally assessed, but all contribute to a building
Trips and Expenses			
Home Learning	History homework will be set approximately fortnightly and may include research/fact-file tasks, presentations, written reports or revision for in-class assessments. Students are expected to spend 45 minutes on this homework. Whilst this will not be explicitly marked, it will be used to support your child's progress in lessons		
Extension work	http://www.english-heritage.org.uk/ http://www.nationaltrust.org.uk/ Students are encouraged to extend their interest in the subject through visiting historic sites, reading around the subject, watching and listening to news, current affairs and history-related programmes.		

Maths

Terms 1, 2 & 3

Term 1 - 3 (topics taught in a variable order and depth dependent on group)

Algebra – Sequences, linear graphs, solving equations.

Number – Multiplicative relationships including scale and ratio, estimation and rounding.

Shape – Transformations.

Terms 4, 5 & 6

Term 4 - 6 (topics taught in a variable order and depth dependent on group)

Data Handling – Statistics, averages, interpreting and drawing charts and graphs.

Number – Percentages and proportion.

Shape – Perimeter, area and volume.

Text book	We refer to the online version of Kerboodle textbooks associated with mymaths by Oxford University Press, which vary according to year group and level of ability being taught.
Setting	Students are taught in streamed groups according to mathematical ability with five sets in each half of the year. Setting is introduced in Year 8 based on performance in tests and other data from KS2 and year 7, as well as learning behaviours. Setting is fluid and assessed at regular intervals throughout the year.
Assessment	All students complete written end of topic tests. They will also complete formal written assessments in terms 2, 4 & 6.
Trips and expenses	UKMT Challenge for a few selected students. No cost currently incurred.
Home Learning	Maths home learning is approximately 30 minutes per week and may include online tasks via the mymaths and Kerboodle website, worksheets on current topics or preparation for forthcoming topics, research activities or revision.
Extension work	Mymaths, Corbett Maths and Kerboodle are good online resources for use throughout KS3

Music

Theme 1		Theme 2	Theme 3
Pictures of Sound		Playing the Orchestra	The Caribbean
Creating descriptive/narrative music. Exploring instrumental timbres, tonality, dynamics, tempo Working in small ensembles to compose and perform descriptive pieces • Listening to music which is programmatic in nature and analysing how composers have used the elements of music		Developing an understanding of the instruments of the orchestra through listening to and performing a piece of orchestral music. Perform main theme(s) as a soloist Perform as a whole class 'orchestra' • Listen to some of the standard orchestral repertoire and explore the social and musical context	Exploring the history, culture and music of the Caribbean. Listening to and analysing a range of reggae and calypso pieces Developing understanding of the cultural context • Working as a whole class ensemble to perform and improvise Caribbean riffs - rhythms, melodies and chords
Theme 4		Theme 5	
Part of an Ensemble Rehearsing and performing music as part of a self-directed ensemble Selecting and arranging music to perform as duets, trios, quartets, quintets etc Developing rehearsal techniques • Performing and recording		Music for the Stage Exploring how music has been used in the theatre from the Ancient Greeks to the present day Listening to and analysing contrasting pieces from operas and musicals Exploring the social and historical context	
Text book	None used.		
Setting	Students taking Music will be in mixed ability groups.		
Assessment	There will be regular class performances and opportunities to test listening skills. All students also complete formal assessments at the end of each unit which involve either a live performance, a recording of their work or a piece of writing.		
Trips and expenses	While there are no set trips, one-off concert visits may occur and students are actively encouraged to go to performances in the WMC.		

Home Learning	N/A
Extension work	Extra-curricular Music ensembles; Grade V Theory; attend a concert in the WMC; instrumental or singing lessons OR on-line resources developing instrumental skills It is strongly recommended that students who are interested in pursuing Music at KS4 and/or KS5 engage with these activities, as both GCSE and A Level courses require minimum levels of specialist performance skills which need additional time to that which is available in classroom lessons at KS3

Physical Education

Term 1		Term 2 Term 3	
Rugby		Rugby	Football
Netball		Netball	Gymnastics
Inter house cross country		Football	Badminton
		Gymnastics	Hockey
		Badminton	
		Hockey	
		Rugby/Netball Interhouse	
Term 4		Term 5	Term 6
Football		Athletics	Cricket
Gymnastics			Rounders
Badminton			
Hockey			
Football/Hockey Interhous	e		
Kit	Please see the kit list found using the link below:		
	School Uniform St Laurence School (st-laurence.com)		
Grouping	Students will be taught in their learning groups where they will cover a range of activities and opportunities.		
Assessment	Pupils are assessed on their performance throughout each term using the ME in PE approach. This is an assessment process that looks		
	at all aspects of the student, not just their practical ability but also their knowledge and understanding. This complements the		ge and understanding. This complements the
	departments drive to develop physical literacy.		
Trips and expenses	Clubs and fixtures are available for the majority of sports taught in school. Look out for the extra-curricular programme that will be		
	released in tutors each term. All clubs run by PE staff are FREE and OPEN TO EVERYONE.		
Home Learning	N/A		
Extension work	Pupils are encouraged to attend after school clubs to develop their skills and interest in a sport and potentially represent the school in		
	fixtures.		

PSHE - Please note that the PSHE curriculum may change during the year to meet the needs of our students. If you would like an up to date version, please email; chabry@st-laurence.com. Miss Charlotte Bryer, Head of PSHE.

Term 1		Term 2	Term 3
How to be happy		Knife Crime	Drugs
Personal Qualities		Gangs	Careers
Communication		Exploitation	Body Image
Friendships		Drugs	
Finances		Road and rail safety	
Term 4		Term 5	Term 6
Relationships		Consent	Political systems
Stereotypes and the med	ia	Circulating images	Voting and elections
Negative behaviours		Online relationships	Government
Sexism		Online safety	Mental Health
Sexual Harassment			First Aid
Text book	N/A		
Setting	Taught in learning groups		
Assessment	Through verbal contributions and progress review sheets.		
Trips and expenses	N/A		
Home Learning	One piece during the Careers topic. Any additional teacher directed 'follow up' if deemed necessary		
Extension work	As part of differentiated work in class.		

RE

Term 1		Term 2	Term 3
 What does Justice mean? What is Justice? How are religious ideas expressed through text and actions? The meaning of Abraham and the importance of this story in terms of Justice 		 What does Justice mean? Art Gallery task The spiritual aim in Hinduism Samsara, Karma, and liberation Spirituality shown through actions Martin Luther King, Oscar Romero, Maria Gomez and Mother Teresa 	Science vs Religion
Term 4		Term 5	Term 6
 Science vs Religion Is the world designed? Weaknesses in design and the consequence for religious beliefs How should we treat the environment? Does religion give us good guidance on how to care for the environment? What can science do for the environment? 		 What is the importance of life's grand narratives? Students will study a wide range of world – views in order to master the knowledge and understanding needed to answer the following questions: What are grand narratives? What is the meaning a purpose of life? What narratives do religious and non-religious people identify with? 	 What is the importance of life's grand narratives? Refining and practising skills and designing, creating and evaluating a variety of pieces based on learning. Where is the place of humans in grand narratives? Is the more to life than just physical existence
Resources	While we may use certain pages for various topics, we do not use one text book at KS3 RE.		ook at KS3 RE.
Setting	None - students are taught in mixed ability Learning Groups.		
Assessment	All students complete common assessments towards the middle and at the end of topic. These assessment strands are based on different skills, one will be a explanatory essay, whilst the other essay will be an adjudicatory essay where students are marked on their ability to construct a well-supported argument		
Home Learning	Home learning will be set twice a term. These tasks are supported through the student drive, where there are many resources to help with home learning		
Extension work	The library and the student drive will have many resources that can allow a student to deepen their understanding of the topic.		
Resources	While we may use certain	n pages for various topics, we do not use one text b	ook at KS3 RE.

Resistant Materials

Term 1/3/5*		Term 2/4/6 *	
Automata Project		LED lamp project	
Students develop prototyping skills by designing, modelling and testing designs for a small wooden Automata. They will work with wood to design and make a mechanical toy using cams and cranks. The focus of this project is looking into mechanical devices focusing on motion and rotary systems. The focus will be on designing to a design brief, planning their own practical work and achieving a high-quality finish.		You will investigate basic LED light circuits and design a lamp. CAD and CAM are used to 3d print the base. Students will also use CAD to laser cut the top of the lamp. Students will work through the stages of the design process to create a design for their lamp.	
Resources	N/A		
Setting	Students are taught in mixed ability teaching groups. They rotate through RM, Food and Textiles modules throughout the course of the year.* Each module lasts approximately two terms (two hours per week.)		
Assessment	Students are assessed formally at the end of each project but have regular formative assessments throughout covering generating ideas, planning, making, and evaluating.		
Trips and expenses	Voluntary contributions for RM and Textiles.		
Home Learning	Students will be set one piece of assessed homework per term which will go towards their current project.		
Extension work	KS3 STEM club (St Laurence Extra).		

Science

Terms 1 & 2		Terms 3 & 4	Terms 5 & 6
Reactions - What are chemical reactions? How do we describe chemical reactions? Oxidation and decomposition reactions. Well Being Project — Looking at how students can make themselves mentally and physically fit. Health and Lifestyle — What are the components of a healthy diet? Food tests, the human digestive system and effects of drugs, alcohol and smoking.		Energy - Energy in food, energy transfers and how go we generate electricity? The periodic table - Metals and non-metals, the element groups and properties of elements. Separation Techniques – What are mixtures? How do we make solutions? How can we separate mixtures?	Ecosystem processes - What is Photosynthesis? Plant minerals, aerobic and anaerobic respiration, food chains and food webs. Electricity and magnetism — Series and parallel circuits, electrical quantities, magnets and electromagnets. The Earth — The structure of the Earth, the Earth's atmosphere, the rock cycle and climate change.
Text book We use the Oxford University F login. Kerboodle		Press Activate course as a guide for our scheme of wo	ork. Students can access this using their Kerboodle
Setting	None - students are taught in r	nixed ability Learning Groups.	
Assessment	All students complete common assessments during each topic. Usually this will consist of a task to test scientific skills and knowledge		sist of a task to test scientific skills and knowledge.
Trips and expenses	STEM opportunities vary each	year with minimal or no cost involvement	
Home Learning	 All homework will be set via Class Charts. This will include: Learning Journey Tasks in the Learning Journey Topic booklets. This a set resource across the year group including checklists, keywords, knowledge organisers and extended response question. There is a learning journey for each topic which includes the topic's homework's. These will be stuck in to exercise books but also posted on class charts. In the first couple of homework's students will be asked to complete the topic checklist and learn the keywords for an in-class quiz. Students will then be asked in the following homework, to complete the extended response question and in the final homework, use the knowledge organiser and all they have learnt to revise for an end of topic test. 		
Extension work	http://www.sciencemuseuhttp://www.nasa.gov/audhttp://www.rsc.org/learn-	ience/forkids/kidsclub/flash/	

- http://www.bbc.co.uk/newsround/

BBC Bitesize has recently been updated with key topics for Key Stage 3.

Textiles

Term1/3/5*		Term 2/4/6*	
Hat project - The environn	nent and sustainability within Fashion and	Apron Project	
Textiles			
		You will write a specification for a user and work, adapting the pattern, if necessary,	
You will design for a given	specification to produce a working technical	to make an apron.	
drawing to make a hat for	a specified user. You will learn new practical skills		
such as shaping, working w	vith stretchy fabrics and topstitching.	You will learn about materials, how to thread up the sewing machines and use them	
		safely and independently. New skills will include embellishment, learning how to	
Decorative techniques can	be introduced, including the use of CAD / CAM to	mitre corners and investigating different ways of creating storage i.e. styles of	
personalise the finished pr	oduct.	pockets. You will also stitch hems and personalise your apron.	
Consideration is given to the	ne care and labelling of Textile items.	The key focus areas include fast fashion and high street collaboration with Artists and Designers from around the world.	
Resources	Materials are mostly provided by the school		
Setting	Students are taught in mixed ability teaching groups. They rotate through RM, Food and Textiles modules throughout the course of the		
	year. * Each module lasts approximately two terms (three hours per fortnight)		
Assessment	Students are assessed formally at the end of each project but have regular formative assessments throughout the term		
Trips and expenses	Voluntary pupil contributions via parent pay		
Home Learning	Students will be set one piece of assessed homework per term which will go towards their current project.		
Extension work	Internet research 'creating a brand', KS3 STEM club (St Laurence Extra programme)		