

Art, Photography and Fashion

The Art and Photography department offers Art and Design at KS3 in mixed ability groups. Students are encouraged to experiment with a range of media and are taught key skills in drawing, painting, sculpture and critical analysis.

Art and design is offered at GCSE and in the 6th form Art, Photography and Fashion are offered at A Level and BTEC. Many students go onto Art College to study a range of visual courses at Foundation and at degree level.

Staff

Mrs Gudge - Head of Art and Photography
Ms Bellis - Director of 6th Form
Mrs Blanks – Lead teacher for Photography
Ms Doughty - Btec Coordinator
Mrs Baskett

Miss Noble
Mrs Purcell
Miss Russ - Head of year 10
Miss Warriner

Mrs McCarthy - Support Technician
Mrs Ward - Support Technician

Key Stage 3

Year 7 Topic Natural Forms

Artist links: William Morris, Georgia O’Keeffe and Andy Goldsworthy

Outcomes: Drawing (repeat pattern William Morris), painting (close up observation of a flower O’Keeffe) and Photography and sculpture (in the natural environment).

Year 8 Topic Art Movements

Artist links: Abstract: Frank Stella, Surrealism: Friedrich Hundertwasser, Cubism: Picasso

Outcomes: Painting and Sculpture: Picasso, 3D accessory/clothing: Frank Stella and Graphic drawing (in response to Hundertwasser)

Year 9 Topic Great British Values

Artist links: Greyson Perry, Pop Art and Yinka Shonibare

Outcomes: Mixed media collage (in response to Perry), 3D accessory/clothing (in response to Pop Art) and Graphic drawing (in response to Shonibare).



Computer Science

The Computer Science department are extremely supportive to all students following Computer Science courses and students using the computer facilities for other subjects during the homework clubs. We have an excellent record of examination results and are extremely keen to keep up-to-date with new developments in technology. We enjoy excellent facilities and in particular our class set of Raspberry Pi's, which are used to build basic computer rooms. Students are taught in dedicated ICT suites with one PC per child and a range of software including industry standard programs.

Staff

Mr Johnson - Head of Computer Science

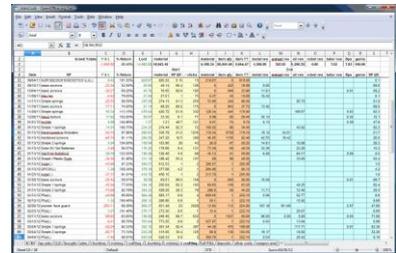
Mr Khan

Mrs Krissan

Key Stage 3

Year 7 Topics

Students study a variety of both ICT and Computer science skills including: An introduction to software and hardware components; an e-safety project using a simple system life cycle model; spreadsheet modelling; an introduction to simple databases. An introduction to simple programming skills using at least two different programming environments; as well as animation, graphics and design work. Students also get to explore some of the History of Computer systems and how much they have changed in such a short time.



Year 8 Topics



Students study a variety of Computer science skills including: An Introduction to more advanced programming features, mainly using the Python programming language. They explore Computer Fundamentals and gain a better understanding of computers and associated Internet technologies. They learn about Computer crime and cyber security. Students generally learn how to use problem solving techniques to deal with different scenarios.

Year 9 Topics

Computer Science

Students study some of the key theories in Computer Science. In the first strand they look into Computer Systems, which gives them insight into how the Computer and its components really work. They learn more about security concerns, ethics and the laws surrounding the use and development of computer systems. The second strand is computational thinking. In this strand they focus more on developing their computational thinking, programming skills and the logic surrounding how computers save information.



Drama and Theatre Studies

The Drama department and its students are a lively, friendly and supportive community of performers, designers and technicians. The ethos of the department is to provide an enjoyable, challenging and creative environment where students learn to develop confidence, gain an awareness of the world around them, and can perform and share their work with others.

Staff

Mrs Anderson - Head of Drama	Mr Benson
Mrs Bannister	Ms Tapp
Mrs Seall	Ms Bell
Ms Loughran	Ms McHale

We are fortunate enough to have two dedicated Drama studios and a proscenium arch stage with dressing rooms, fully equipped with lighting and sound facilities. This provides students with the unique experience of working in versatile spaces with regular opportunities to perform. The Department staff are highly experienced and have worked in Arts industries as well as education.

Department Aims

We strive to constantly develop students' creative and evaluative skills in Drama. Teamwork is an essential element of effective learning and students are encouraged to develop empathy by engaging with complicated real life issues. All students are supported to share their ideas, listen carefully to each other and perform their work to an audience. We aim to expose our students to a wide variety of theatre styles, techniques and live performances in a range of settings.

Key Stage 3 Drama:

	Year 7	Year 8	Year 9
Autumn 1 7 weeks	Mr Fox (Skills based)	Pantomime / Melodrama (Skills based)	Monologues /duologues (Skills based)
Autumn 2 7 weeks	Spears Sports (SMSC)	Wreck of the Mignonette (SMSC/historical)	Devising – Cultural stories (SMSC)
Spring 1 6 weeks	Greek Theatre (SMSC)	Roald Dahl (script)	Stone Cold (script)
Spring 2 6 weeks	Skellig (Script)	Joe – Mental Health awareness project (SMSC)	Script based performance Masks project (skills)
Summer 1 6 weeks	Summer Exam: Films & Genres	Summer Exam (SMSC stimulus)	Summer Exam 4 week Staging Project Devising Performance
Summer 2 6 weeks	A Midsummer Night's Dream (Shakespeare)	Macbeth (Shakespeare)	Devising – TIE Cyber-bullying or chosen theme Performance to younger audience

Design and Technology

Design and Technology is a highly practical subject which develops a student's ability to work independently and creatively in a variety of materials. The subject is taught through a series of projects with a core of theoretical knowledge and understanding to support the designing and making process. Students design considering the needs of the target market and consider social and ethical values.

Lessons are taught through a rotation of textiles, resistant materials, electronics, graphics and systems and control. CAD/CAM facilities are excellent and the department has 5 specialist material rooms including an ICT suite.

Staff

Mrs Kempster - Head of Design and Technology
Mrs Purcell - STEM Co-ordinator
Miss Wainwright
Miss Tang

Mr Jones
Ms Bellis
Mrs Kay

Mr Fielder - Support Technician

Key Stage 3

- Year 7** Students learn skills in textiles through a batik project, resistant materials through a picture frame unit and graphics by developing a pop-up book. In systems and control students make an electronic badge and simple circuits.
- Year 8** Students build on their designing and making skills through a mechanical toy project, and a textiles 3D make. They develop enamel jewellery in resistant materials and package their design in graphics using CAD CAM.
- Year 9** Student's skills are increasingly challenged through complex design and make projects with the tote bag project and the CAD CAM resistant materials clock project. Students are expected to use modern and developing technologies in Year 9.



English

Our English curriculum is rich, varied and challenging. Students read texts from a range of historical periods and cultural contexts across the genres of drama, poetry and prose. Students learn to develop their writing skills to inform, explain, describe, argue and persuade in lively and imaginative contexts which inspire as well as equip them for life beyond the classroom. Our programmes of study offer opportunities to explore and enhance speaking and listening skills through role-play, discussion and presentation. We enliven students' experience of English by offering a variety of extra-curricular clubs, visits and Library events throughout the year.

Staff

Ms Heaney - Head of English

Ms Smythe - 2nd in English

Ms Petersen - Head of English Language

Mrs Haslam - Public Speaking/G&T Co-ordinator

Ms Bell – Key Stage 4 Co-ordinator

Ms Gowing - Library Liaison

Ms Buckingham

Mrs Burke

Mr Benson

Ms McHale

Mr Polak

Mrs Akil

Mrs Mitchell

Key Stage 3

Year 7 Topics Autobiography

A Christmas Carol

Non-Fiction: Lord Lucan

Poetry

Novel

The Tempest



Year 8 Topics Modern Novel

Gothic Writing

Non-Fiction: Travel Writing

Sherlock Holmes

Twelfth Night



Year 9 Topics Poetry: World War One

Romeo and Juliet

Non-Fiction

Speeches

Modern American Novel



French

All the teaching in Year 7 takes place in mixed ability groups to allow students to settle into their new school. However, from year 8 onwards, they are taught in sets based on their achievement at the end of Year 7. Sets are reviewed on a termly basis.

Staff

Mr Parsons - Head of French

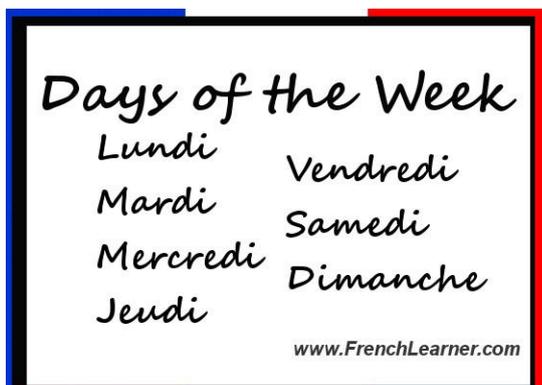
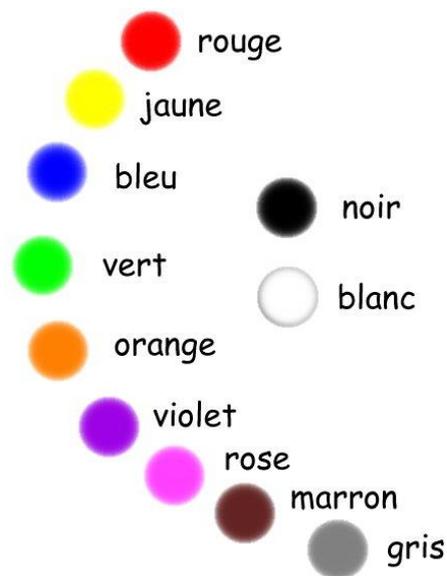
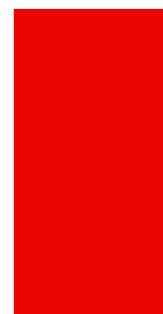
Ms Conget - KS3 French Co-ordinator

Key Stage 3

Year 7 Topics Introducing yourself
School equipment
Family members and pets
Personal descriptions
School: subjects, opinions and reasons, timetable
Daily routine

Year 8 Topics Where you live: area and house
Describe your bedroom and where things are
Evening routine
Places in town
Directions
Ordering food and drinks
Sports and games
Musical instruments
Leisure and holiday activities
Introduction to the perfect tense

Year 9 Topics Talking about your family
Occupations and places of work
Describing weather
Last week-end activities
TV programmes
Last holiday and next holiday
Pocket money, presents and gadgets
Shopping for clothes



German

All the teaching in Year 7 takes place in mixed ability groups to allow students to settle into their new school. However, from year 8 onwards, they are taught in sets based on their achievement at the end of Year 7. Sets are reviewed on a termly basis.

Staff

Mrs Patel - Head of German

Key Stage 3

Year 7 Topics Introducing yourself, saying where you live
Alphabet
Birthdays
Numbers to 60
School equipment
Family members and pets
Personal descriptions
School: subjects, opinions and reasons, timetable

a	ah	n	en
b	beh	o	oh
c	tseh	p	peh
d	deh	q	koo
e	eh	r	err
f	eff	s	ess
g	geh	t	teh
h	hah	u	ooh
i	ih	v	fow
j	yawt	w	veh
k	kah	x	iks
l	ell	y	üpsilon
m	em	z	tset

Year 8 Topics Sport
Hobbies
Favourite things
Writing a letter to a penfriend arranging to go out
Future Tense
Holidays
Describing your house

Year 9 Topics TV programmes
Hobbies
Describing a day out
Food
Café
Shops
Future Tense
Clothes
Party language
Excuses
Health



Geography

Geography is the study of Earth's landscapes, people, places and environments. It is, quite simply, about the world in which we live. The subject is taught through investigating a variety of human and physical topics. Fieldwork is a big part of Geography and we try to include as much in the curriculum as possible.

Staff

Miss Kincaid - Head of Geography

Miss Chan

Miss Giacomazzi

Mrs Wilson

Mr Bannister

Key Stage 3

Year 7 Topics What is Geography?

The UK

Map Skills

Weather and Climate

Sustainability

India

Paradise Lost – Thailand

Trip: Local area

Year 8 Topics World Maps

Rivers & Flooding

China

Antarctica

Africa

Trip: Brighton and Cuckmere haven

Year 9 Topics Earthquakes and Volcanoes

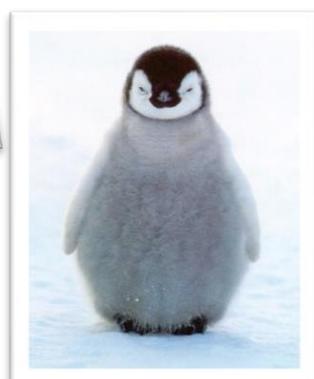
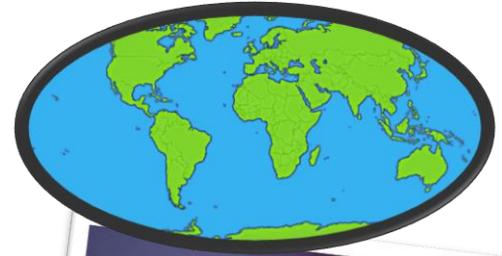
Globalisation

Brazil and Tropical Rainforests

Coasts

Impossible Places

Trip: Kew Gardens



History

Teaching during Years 7-9 mixes project work, to encourage independent learning, with direct teacher instruction. The purpose of Year 7-9 history is to establish the basic skills required to access the GCSE and A Level courses while also equipping all students with an overview of British History from 1066 to the 20th Century. The GCSE and A Level courses are focused on political history, and require a high level of literacy and motivation on the part of the students. There is no setting by ability in history in any Year group.

Staff

Miss Levey - Head of History

Miss Brown

Mrs Housden

Ms Wiffen

Key Stage 3

Year 7 Topics 1066

Norman Conquest
Medieval Society
Changes to the Church
Peasants' Revolt
Magna Carta
Crusades



Year 8 Topics Tudor Monarchs
Break With Catholic Church
Spanish Armada
Gunpowder Plot
Great Fire and Plague
Civil War
Making of the UK
Slavery
Empire
Industrialisation



Year 9 Topics 20th Century, including:
WW1
Rise of Dictators in Europe
Different Political Ideologies
Suffragette Movement
Civil Rights
WWII
Home Front



Hospitality and Catering

Catering and Hospitality Department is part of the Applied Learning faculty. There are two well-resourced catering-style kitchens/classrooms, staffed by highly trained Food/Catering teachers. There is also the provision of training restaurant that allows students to work in a professional environment, giving them valuable work based skills.

Staff

Mrs Shapcott - Head of Hospitality and Catering

Mrs Hemmings

Mrs Kay

Mrs Pugsley - Support Technician

Key Stage 3

Pupils are taught on a rotational system with the other Design and Technology subjects. They have approximately 12, 1 hour 40 minute lessons each year, most of a practical nature. Groups are mixed in ability.

Year 7 Topics



Pupils gain a lot of experience working with a wide range of ingredients and developing new skills. They learn knife skills and how to work safely and hygienically in a commercial-style kitchen. Theory work is investigating dairy products, researching nutrients in dairy products and uses of dairy products in cooking. They design and plan their own layered dessert for future sale in a supermarket. They develop a range

of practical skills enabling pupils to bake scones, Fruit crumble, pizza, prepare a healthy salad, prepare a meat based sauce and a cheese sauce.

Year 8 Topics

The focus in year 8 is to develop and improve skills taught in year 7. They gain experience in pastry making, preparing sweet and savoury products using different types of pastries. They explore ingredients from around the world, building on knife skills and improving confidence in preparing dishes using the hob. They design and plan their own cookies, make and shape bread dough and practice cake making methods. They widen their vocabulary by tasting fruits from around the world and evaluate their own dishes. Theory work is based around ethical and moral issues on food miles and food waste.



Year 9 Topics

Pupils investigate Nutrition in detail, planning their own meals to help patients lacking in certain nutrients. They investigate the uses of convenience foods in their diet and plan a healthy meal using convenience products. They study alternative diets for those with different moral and ethical beliefs, completing a research project on vegetarianism. They develop more complex practical skills in preparing main course dishes, cake making and pastry making, and look at the uses of eggs in cooking.



Maths

Mathematics is compulsory for all students from year 7 through to year 11. The department operates a setting policy based on ability and prior attainment. Students are able to move between sets from year to year if their attainment indicates this is appropriate. All students are entered for GCSE Mathematics at the end of year 11 and students are set challenging target grades to achieve. The most able students are also entered for the Further Mathematics GCSE in year 11. In Key Stage 5 the department offers Mathematics and Further Mathematics and uptake to these is high.

Staff

Mr Leaton - Head of Mathematics and KS4 Co-ordinator

Mrs Sudds - 2nd in Mathematics and KS5 Co-ordinator

Miss Curling - KS3 Co-ordinator

Mr Ayo-Adepoju

Miss Goddard - Gifted and Talented Co-ordinator

Mr Blanchard

Ms Beggs

Ms Lee

Mrs Paton

Mr Runacres

Mr Teverson

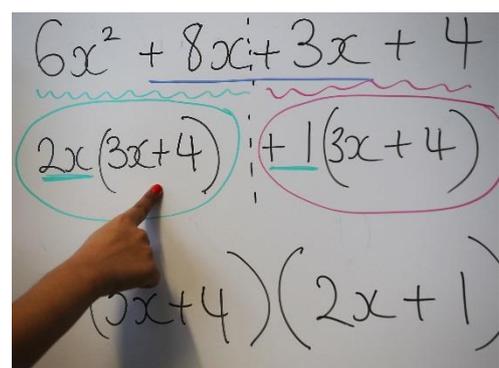
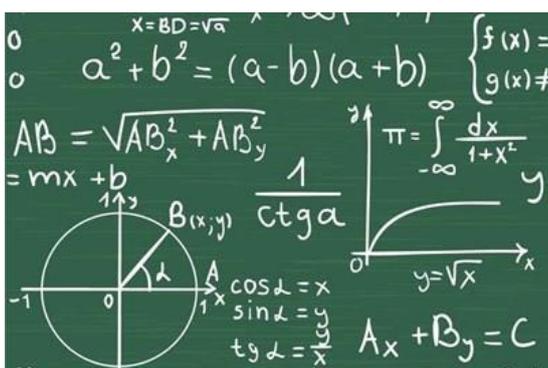
Mr Whittaker

Mrs Woodhams

Key Stage 3

Students will study a variety of topics. These include the strands of number, algebra, graphs, geometry and statistics. Particular emphasis is placed on algebra, developing problem solving skills, arithmetic techniques and accurate use of correct mathematical language and notation. The students are both challenged and supported. The pupils are assessed on a regular basis to monitor their progress. If a student is struggling, additional support will be put in place to help.

The formal start of the GCSE course in mathematics begins in year 9. We follow the Edexcel course, with the majority of students entered at the higher tier.



Music

Students study Music for one period a week in Years 7 to 9. They can then opt to study the subject at GCSE if they wish. There are numerous opportunities for students to engage in instrumental lessons or join the many bands or choirs.

Staff

Miss Bowman

Mr Parsons

Yr7	Yr8	Yr9
Rhythm <ul style="list-style-type: none"> Rhythm value test (L+A) Sight reading test (P) Percussion piece (C, P) 	Graphic Scores <ul style="list-style-type: none"> Graphic score (L+A) Composition performance (P, C) 	Reggae <ul style="list-style-type: none"> Class performance (P) Historical context (L+A) SR (P)
Pitch <ul style="list-style-type: none"> Pitch recognition test (L+A) Keyboard exercise (P) Sentence composition (C) Score annotation (L+A) 	Form & Structure <ul style="list-style-type: none"> Composition ABA (L + A, C) Performance of comp (P) 	Blues <ul style="list-style-type: none"> Class performance (P) Improvisation (C)
Performance & Keyboards Skills <ul style="list-style-type: none"> Score annotation (L+A) Performance recital (P) 	Instruments of the Orchestra <ul style="list-style-type: none"> lotO project (L+A) Summation test (L+A) 	Arranging – Cover versions <ul style="list-style-type: none"> Class performance (P)
Composition <ul style="list-style-type: none"> 4 bar melody annotation (L+A) Composition performance (C, P) 	Peter and the Wolf <ul style="list-style-type: none"> PatW write-up (L+A) Sectional motif composition (C, P) 	Screen Music <ul style="list-style-type: none"> Compose underscore (C)
Theme & Variation <ul style="list-style-type: none"> EoM written test (L+A) Aural test (L+A) Theme and variation (C, P) 	Chords <ul style="list-style-type: none"> Chord building test (L+A) Four chord song performance (P) 	Intro to analysis <ul style="list-style-type: none"> Artist Project (L+A)
Ensemble Skills	Ensemble Skills	

Religious Studies and Philosophy

Our curriculum is consonant with the Bromley Agreed Syllabus for Religious Education (2013). It aims to nourish a rigorous understanding of religion, to foster respect for difference, and to promote powers of independent thought.

The school RE policy, approved by Governors in July 2014, is available in the Policy section of the school site.

Staff

Mr Stone - Head of RS and Philosophy
Mrs Clark
Miss Clothier
Miss Hassan

Mr Khan
Ms van Teutem - Assistant Headteacher
Ms Wakenshaw

Key Stage 3

Year 7

Pupils participate either in a systematic programme of dialogical philosophy or in more traditional religious education lessons. In dialogical philosophy, pupils engage with religious concepts, the philosophy of religion, and religious ethics. In the traditional curriculum, subject matter includes the nature and value of Religious Studies, Animal rights, Buddhism and looking at God. At the end of Year 7, pupils engage in the study of Islam through project-based learning. This is carried out in collaboration with the Islamic SACRE representative and Darul Uloom (London) school. There is one 30 minute baseline exam at the beginning of the school year, and one 30 minute exam that takes place in school during internal examination week

Year 8

Pupils study the religion Judaism in depth, with the concept of mitzvot central. Other concepts include the Covenant, Shabbat, kashrut, Jewish dress, and festivals. There is a 30 minute mid-year examination that normally takes place in January. Pupils also learn about issues of prejudice and discrimination through a focus on the Shoah, the Anne Frank narrative, and a study of Gandhi. The year ends with a study of concepts from the Hindu faith, including beliefs about deities and reincarnation and Hindu puja and festivals. There is a 30 minute end of year examination in the school internal examination week.

Year 9

Year 9 starts with the study of Sikhism. Pupils then learn about ethical issues where they can apply their religious knowledge such as medical ethics, war or crime and punishment. Pupils will then go on to consider issues of equality, discrimination and terrorism. There is an independent project-based unit that provides learners with an opportunity to investigate a specific area of interest. As in Year 8, there are two principal examinations: a 30 minute exam mid-year, and a 30 minute examination held in the school internal examination week.



Science

The Science faculty comprises the three traditional departments of Biology, Chemistry and Physics and is housed in nine laboratories based in Sharman House, the old Science block and Sanderson.

Students are motivated to enjoy Science through the use of practical work and an approach that demonstrates both the excitement and relevance of scientific discovery. ICT is regularly used throughout the curriculum to facilitate teaching and learning. There will be an emphasis on developing mathematical and practical skills in preparation for the new GCSE curriculum. Science subjects at AS and A2 are very successful with eight groups in Year 12 and five groups in Year 13. This year we have also offered the Level 3 Medical Science qualification in Sixth Form.

Staff

Mrs Summerfield - Head of Science
Mrs Faulkner – 2nd in Science/Head of Chemistry
Mrs Cibangu
Mr Frost
Mr Robinson – Medical Science Co-ordinator
Mrs Stevenson
Mr Akman – Head of Physics
Ms Wood
Ms Beggs

Mrs Lenihan - STEM Co-ordinator
Mrs Lile - Deputy Headteacher
Ms Osborne - Assistant Headteacher
Mrs Humble - Head of Biology
Miss Shade – KS3 Co-ordinator
Mrs Willis - KS4 Co-ordinator
Mr Flagg
Mrs Bennett

Mrs Fairhurst - Senior Laboratory Technician (Chemistry)
Mrs Edwards - Laboratory Technician (Biology)
Mr Wiseman - Laboratory Technician (Physics)
Mrs Davis - Laboratory Technician
Mrs Le Conte - Laboratory Technician

Key Stage 3

Key stage 3 Science is taught in Year 7 and 8.

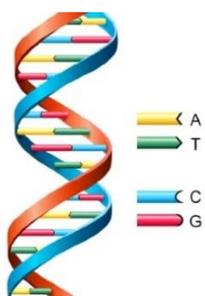
Year 7 topics Cells and microscopes
The Particle model
Space
Reproduction
Atoms, elements and compounds
Pure and Impure Substances

The Skeleton
Light
Waves
Acids and alkalis
Forces
Nutrition and Digestion



Year 8 topics Current electricity
Pure and Impure Substances
Pressure in fluids
Static electricity
Forces and motion
Gas exchange systems
Earth and Atmosphere
Inheritance, chromosomes, DNA and genes

Health
Periodic Table
Materials
Photosynthesis
Relationships in an ecosystem
Cellular respiration
Energy transfers and changes



Spanish

All the teaching in Year 7 takes place in mixed ability groups to allow students to settle into their new school. However, from year 8 onwards, students are set into sets 1 and 2 and some mixed ability sets according to their achievement at the end of Year 7. Sets are reviewed on a termly basis.

Staff

Ms Santa Barbara - Head of Spanish

Mr Porto-Prado

Ms Suárez

Mrs Tapinassi



Key Stage 3

Year 7 Topics Introducing yourself

Family members and pets

Personal descriptions

Talking about school: subjects and description of Bullers Wood

Telling the time

Describing your house and your area

Year 8 Topics Places in town and describing your city

The weather

Sports and free time

Helping at home

Talking about activities in the past

Year 9 Topics Visiting a friend abroad

Food and tapas

Shopping: clothes and food

Holidays and tourism (present and past)

