At the Bishop Wand School, in the power of Christ’s Love, we will make a community where all are learners and each one finds, grows and shares their gifts for the good of all.

"Encourage one another and so build each other up."
1 Thessalonians 5.11
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16+ Options: Where now?

Dear Students,

Choosing your 16+ options is a really important stage in your educational journey. Understanding the pathways open to you and the new terminology can feel daunting but it is wise to research your options and consider your choices carefully. At 16 (see diagram below) you are given a wider choice in the way you participate in education or training. About 80% of students nationally choose to continue in full time education. Others engage in work based learning such as an apprenticeship or get a job which includes accredited learning or training. This booklet will help you to consider your choices if you intend to continue in full time education.

This is an exciting time! We will be with you at each step of the way to support you through these choices.

Miss Mandy Rook
Assistant Headteacher

Overview of 16+ Options

‘41% of college leavers surveyed wished they’d considered which subjects would be of most use.’

2016 Which? University study via Youth Sight research

<table>
<thead>
<tr>
<th>Terms to be familiar with when looking at full time education courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foundation Learning</strong></td>
</tr>
<tr>
<td><strong>Academic courses</strong></td>
</tr>
<tr>
<td><strong>Applied General courses</strong></td>
</tr>
<tr>
<td><strong>Tech Levels</strong></td>
</tr>
</tbody>
</table>
Choosing your course combinations

How many subjects should I choose?
When choosing your courses firstly consider your likely GCSE performance.

<table>
<thead>
<tr>
<th>Mostly 7-9 grades</th>
<th>Mainly 6s</th>
<th>Mainly 4/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 3 A Levels + EPQ or 4 A Levels</td>
<td>* 3 courses</td>
<td>* 3 courses</td>
</tr>
<tr>
<td>* Try to pick at least 2 or 3 facilitating subjects</td>
<td>* Consider the EPQ</td>
<td>* Consider a BTEC</td>
</tr>
<tr>
<td></td>
<td>* Try to pick at least 1 or 2 facilitating subjects</td>
<td>* Resit English or Maths if below 4</td>
</tr>
</tbody>
</table>

Should I choose courses that are similar or are a mix of subjects better?
Some students like to choose subjects that have similar content or skills, this is usually for people who have a specific career in mind and they want to hone those skills to a particularly high level. Other students are less sure about their future pathway and prefer to keep their options open and develop a wide range of skills, these students tend to pick subjects that develop different skills and competencies. The colour groupings below and on the next page show the skills each course need/develop. This can help you see how well subjects will go together.

What are the different types of level 3 qualifications?
Most of the courses we offer at the Bishop Wand Sixth Form are A Level linear courses. This means that 100% of assessments happen at the end of Year 13. AS Level exams are no longer taken in Year 12. Instead, students will sit internally moderated examinations to check progress and secure their place in Year 13. We also offer two BTEC Level 3s and one Cambridge Technical Level 3 course; these are each the equivalent of 1 A Level. These courses have a more vocational slant and have a higher percentage of coursework/portfolio than standard A Levels. All of our courses are recognised by universities and have a UCAS point accreditation.

Do competitive universities prefer 4 A Levels?
Some students are able to choose 4 courses but be mindful that competitive universities such as Oxford and Cambridge will make offers based on 3 courses. They would rather depth of knowledge in a specific discipline exemplified with an A* than they would have a breadth of knowledge at lower grades in 4 subjects. They also highly value the EPQ as this develops independent learning skills and demonstrates a curiosity about the subject you wish to study.

What are facilitating subjects?
The facilitating subjects are: English Literature, Maths/Further Maths, Biology, Chemistry, Physics, Geography, History and Modern Foreign Languages. These are the most traditional A Levels and may be listed as a prerequisite of degree level study at the top universities. Oxford and Cambridge are amongst the top universities and are also part of the Russell Group of universities which are particularly recognised for research.

How important is it to consider my post 18 choices at this point?
It is essential to consider your post 18 choices before you choose your courses for Sixth Form. If you are considering a specific degree at university and want to check which Level 3 courses are recommended for this area, these are a helpful source of information. http://university.which.co.uk/advice/ or https://www.ucas.com/
If you would like to consider a specific career this site allows you to search for a job and check the level 3 courses recommended to pursue this.

What if I don't pass my English or Maths GCSE?
If you do not get grade 4 or above in Maths or English Language, you will be required to continue with these GCSE courses. Your first opportunity to retake the exams will be in November 2019 with the results issued in January 2020. If you do not score a 4 grade or higher, you will have a second opportunity to retake in June 2020.
<table>
<thead>
<tr>
<th>Skills</th>
<th>Subjects</th>
<th>Entry requirement: 5 GCSEs grades 4-9 including minimum grades in the stated subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Art Fine A Level</td>
<td>GCSE Art 5/4*</td>
</tr>
<tr>
<td></td>
<td>Art Photography A Level</td>
<td>GCSE Art/Photography preferable 5/4*</td>
</tr>
<tr>
<td></td>
<td>Business Studies A Level</td>
<td>GCSE Business B/C<em>preferable and English 5/4</em></td>
</tr>
<tr>
<td></td>
<td>Computer Science A Level</td>
<td>Level 2 ICT qualification 5/4* or grade 5 in Science and Maths</td>
</tr>
<tr>
<td></td>
<td>Computing Level 3 BTEC</td>
<td>Level 2 ICT qualification Merit or 5/4*</td>
</tr>
<tr>
<td></td>
<td>Economics A Level</td>
<td>GCSE English and Maths 5</td>
</tr>
<tr>
<td></td>
<td>English Language A Level</td>
<td>GCSE English Literature and Language 5</td>
</tr>
<tr>
<td></td>
<td>English Literature A Level</td>
<td>GCSE English Literature and Language 5</td>
</tr>
<tr>
<td></td>
<td>Extended Project Qualification</td>
<td>GCSE English and Maths 4 (taken in addition to 3 other courses)</td>
</tr>
<tr>
<td></td>
<td>Geography A Level</td>
<td>GCSE Geography and English 5/4*</td>
</tr>
<tr>
<td></td>
<td>History A Level</td>
<td>GCSE History and English 5/4*</td>
</tr>
<tr>
<td></td>
<td>Languages: French A Level</td>
<td>GCSE French 6/5*</td>
</tr>
<tr>
<td></td>
<td>Languages: Spanish A Level</td>
<td>GCSE Spanish 6/5*</td>
</tr>
<tr>
<td></td>
<td>Mathematics A Level</td>
<td>GCSE Maths 6/5*</td>
</tr>
<tr>
<td></td>
<td>Further Mathematics A Level</td>
<td>GCSE Maths 8/7*</td>
</tr>
<tr>
<td></td>
<td>Core Mathematics AS Level</td>
<td>GCSE Maths 5/4* (taken in addition to 3 other courses)</td>
</tr>
<tr>
<td></td>
<td>Media Studies A Level</td>
<td>GCSE Media preferable 5/4* and English 4</td>
</tr>
<tr>
<td></td>
<td>Performing Arts: Music/Dance Level 3</td>
<td>GCSE Music/Dance/Theatre preferable and English 4</td>
</tr>
<tr>
<td></td>
<td>Performing Arts: Drama and Theatre A Level</td>
<td>GCSE Theatre preferable and English 4</td>
</tr>
<tr>
<td></td>
<td>Physical Education A Level</td>
<td>GCSE PE 5/4*</td>
</tr>
<tr>
<td></td>
<td>Psychology A Level</td>
<td>GCSE English and Maths 5</td>
</tr>
<tr>
<td></td>
<td>Religious Studies A Level</td>
<td>GCSE RS 5/4* and English 5/4*</td>
</tr>
<tr>
<td></td>
<td>Science: Biology A Level</td>
<td>GCSE Biology 6/5* or Science 6/5* and Eng/Maths 6/5*</td>
</tr>
<tr>
<td></td>
<td>Science: Chemistry A Level</td>
<td>GCSE Chemistry 6/5* or Science 6/5* and Eng/Maths 6/5*</td>
</tr>
<tr>
<td></td>
<td>Science: Physics A Level</td>
<td>GCSE Physics 6/5* or Science 6/5* and Eng/Maths 6/5*</td>
</tr>
<tr>
<td></td>
<td>Sociology A Level</td>
<td>GCSE RS 5/4* and English 5/4*</td>
</tr>
<tr>
<td></td>
<td>Technology: Product Design A Level</td>
<td>GCSE Technology preferable 5/4*</td>
</tr>
<tr>
<td></td>
<td>WJEC Level 3 Applied Diploma in Tourism</td>
<td>GCSE English 4</td>
</tr>
</tbody>
</table>

*the lower grade suggests exceptional circumstances and/or at the Head of Department’s discretion.

Facilitating subjects shown in bold.
Should I stay at Bishop Wand Sixth Form or go elsewhere to study?
Once you have decided what you would like to study you must give some thought to WHERE you would like to study. Wherever this might be, you must ensure that you will get:

- Great teachers that will help you to get the best results you can,
- Outstanding support, advice and guidance for the 18+ options process,
- Opportunity to get a breadth of experience and develop skills beyond the curriculum,
- Opportunities to develop great relationships with those around you and have fun!

The Bishop Wand Sixth Form, as a small and established 16+ provider, will give you everything on the list above. We would encourage you however to make sure that you consider other colleges keeping in mind the checklist above. You are all individuals and you must choose the establishment which will suit you best and allow you to flourish. During your 16+ interview we will explore which settings might suit you best.

How is Sixth Form different from School?
In the Sixth Form you will have the same great teachers that you have had before but lessons feel very different as class sizes are much smaller! The small classes allow a great level of challenge alongside a good deal of support. You will no doubt have heard of the leap between GCSE and A Level; the relationships students have with staff is fundamental to their success in becoming independent and confident learners.

In the Sixth Form students are allowed to come and go with more freedom than in the Lower School. They register in small tutor groups of Year 12/13 students and manage any absence by communicating with their teachers and the Sixth Form team in advance - much like they would for a part time job. They are able to leave the site during the School day at lunch if they have no lessons and of course can wear their own smart/casual clothes. The structure of the school day is the same although students will have 'study periods' when they are expected to get on with independent study and may have 'period 6' classes after school. They also can visit Spelthorne Gym and go off site at break/lunch.

Outstanding support, advice and guidance
In 2017 74% of Bishop Wand Sixth Form students secured a university place, with some of the best destinations ever recorded. We have students who are now studying at Oxford, Durham, Surrey and Royal Holloway and University College London to name a few! Other students have gained places on apprenticeship opportunities – including a highly sought after placement at British Airways.

It is important that you are known well by the place that you study—they will after all be supporting you in making potentially life changing decisions about what you will do following your qualifications. Writing you personal statement is also really difficult and getting a great reference from staff who know and care about you count for a lot. At Bishop Wand the tutorial system supports this and we use the platform Unifrog to help you filter down the choices open to you.
Gaining a broad experience 16+

What else should I be getting out of my 16+ experience?

In addition to the taught curriculum students should look for opportunities to build a range of skills and develop competencies beyond the classroom. At the Bishop Wand Sixth Form students will benefit from a range of health/welfare talks, trips, visits and an enrichment period too. Students can choose to complete LORIC Edge or the Extended Project Qualification (see page 16).

LORIC Edge

New in September 2018 the LORIC Edge programme encourages students to develop the 5 key attributes beneficial to the workplace - Leadership, Organisation, Resilience, Initiative and Communication (LORIC). The programme encourages students to get involved in as many extra-curricular opportunities as possible both in and out of school. Credit can be gained for simple tasks such as helping to lead a warm up in a Year 7 PE lessons or to organising a stall for the school summer fair. There are also many activities outside school which can be accredited.

The Senior Student Team

The Senior Student team, ably led by the Head Boy and Head Girl, are superb. They are integral to the running of the Student Council Action Groups which lead change in a range of areas around the school. They also organise and run whole school events such as the Charity Days that take place 3 times a year and play a huge part by being ambassadors for our school at events such as Open Evening. Students are elected in by the student and staff body following two weeks of campaigning.

Trips and visits

A range of residential and day trips are arranged to enhance learning; information regarding these is with the subject information. Alongside these are a range of trips available to all students including:

- True Adventure
- Duke of Edinburgh Gold
- ski trip
- lesson from Auschwitz
- war cemeteries & battlefields trips

Health and well being

Students gain from the termly ‘Health, Wellbeing and Spiritual Days’. On these days they benefit from a range of visiting speakers tackling topics such as drugs, alcohol and sexual health. In addition, year 12 students attend Surrey Safe Drive Stay Alive and in year 13 have the opportunity to complete the CAP money course which teaches them how to budget for living independently.
Map of Bishop Wand School

A1-6 English  C2-5 RS  H2-4 Geography
A7 History  D1-6 Technology  M1-5,9,10 Maths
A8,9 English  E1-3 Art  M6 Music
B1,2,5 ICT  E4 Media  M7 Literacy
B3,4 C1 MFL  H1,5 History  S1-9 Science
A Level Fine Art (AQA)

If you have ability in a creative area, grasp it and let it shine! This course is a brilliant opportunity for you to express yourself creatively, explore a variety of fine art mediums, whilst gaining an A Level in a subject that demands critical thinking, resourcefulness and independent research, all desirable and transferable skills you can use in the future.

On this course, you will begin with workshops, teaching you a variety of mediums and processes. You will learn skills for recording, analysis and the creation of a visual response to your own chosen area of study. There is something magical about smearing paint and pastel or sculpting with your hands. So if you do choose to study Fine Art, chances are, it will be your favourite class of the day.

What are the entry requirements?
GCSE Art 5/4*

What is the course content?
Year 12: Introduction to Fine Art- Fine Art enables students to develop and explore skills in a broad range of media. Initial emphasis is on developing a working knowledge of materials in both 2D and 3D approaches.

Year 12/13: Personal Investigation: students research and explore a theme of their choice.

Year 13: Externally set assignment: 15 hour supervised time plus preparatory period.

What is the assessment process?
Students will be regularly assessed throughout the personal investigation and guided on a one to one basis. The A Level paper is set on February 1st and consists of 8 exciting, flexible starting points. Following a preparatory period, students complete a personal response in a 15 hour exam. The Personal Investigation and the externally set task are marked by teachers and moderated by AQA.

Personal Investigation: 60%      Externally set assignment: 40%

What progression and career opportunities are there?
While Art continues to be a desirable option for students wishing to pursue ‘traditional’ creative careers, such as Architecture or Interior Design, the internet has seen an explosion of exciting, new roles emerge. The demand for web designers, app designers, software designers, animation artists, game designers and many other digital careers is undergoing unprecedented growth.

What additional learning opportunities will there be?
Students will have the opportunity to explore artwork up close by visiting galleries. They will get the chance to go on trips, in the past students have visited Warner Bros, “The making of Harry Potter”, London, Paris, Kew Gardens and the Sea Life Aquarium.

Who should I contact?
Miss H. Child, Acting Head of Art and Photography
hchild@bishopwand.surrey.sch.uk
Many students are attracted to the Photography course due to the creative freedom and a vast range of technical skills taught such as dark room and digital methods. You will also explore different types of photography such as portraiture, landscape, still life, photojournalism, fashion, experimental imagery, multimedia, photographic and moving image (video, film, animation).

The study of Photography will deepen your understanding of historical and contemporary photographers, artists and designers and give you the opportunity to carry out similar techniques.

An A Level in this subject may lead to a wide range of career opportunities in the creative industries, an area experiencing great expansion in this country. Photography is vastly becoming popular in all sectors of the job market as employers require creative thinkers who can innovate, see and make connections, solve problems and make informed decisions and judgements. This course will give you many transferable skills you can use in the future.

What are the entry requirements?

GCSE Art/Photography preferable 5/4*

What is the course content?

Year 12: Introduction to Photography: photogram and darkroom methods, portraiture, location, fashion and still life photography.
Year 12/13: Personal Investigation: students research and explore a theme of their choice.
Year 13: Externally set assignment: 15 hour supervised time plus preparatory period.

What is the assessment process?

Students will be regularly assessed throughout the personal investigation and guided on a one to one basis. The A Level paper is set on February 1st and consists of 8 exciting, flexible starting points. Following a preparatory period, students complete a personal response in a 15 hour exam. The Personal Investigation and the externally set task are marked by teachers and moderated by AQA.

Personal Investigation: 60%     Externally set assignment: 40%

What progression and career opportunities are there?

The usual progression to Art and Design or Photography courses at University is via an Arts Foundation course lasting one year, although we have had students go straight to BA Hons courses due to their strong Photography portfolios. There are a wide range of careers that make use of Photography, especially with the rise of digital arts and media in advertising and gaming.

What additional learning opportunities will there be?

Students will have the opportunity to explore location photography whilst on trips. In the past students have been to London and Paris.

Who should I contact?

Miss H. Child, Acting Head of Art and Photography
hchild@bishopwand.surrey.sch.uk
Business is front-page news. The way companies operate continues to draw attention and the levels of scrutiny remain consistently high. The Business A Level studies is now more highly focused and encourages students to engage, explore and understand business behaviour whilst developing a critical understanding of what businesses do.

What are the entry requirements?
GCSE Business B/C* preferable and English 5/4*

What is the course content?
1 What is business?
2 Managers, leadership and decision making
3 Decision making to improve marketing performance
4 Decision making to improve operational performance
5 Decision making to improve financial performance
6 Decision making to improve human resource performance
7 Analysing the strategic position of a business
8 Choosing strategic direction
9 Strategic methods: how to pursue strategies
10 Managing strategic change

What is the assessment process?
The A Level is assessed by three examinations (Paper 1, Paper 2 and Paper 3) to be taken at the end of the two-year course. There is no coursework.

What progression and career opportunities are there?
This A Level will get you started in business and give you the skills and knowledge to progress to higher education. You could work for a corporation, or a management consultancy. All businesses (and other organisations like charities and hospitals) need sound business skills behind them.

What additional learning opportunities will there be?
Trips to the Houses of Parliament and excursions to local businesses. The opportunity to participate in a National Share Competition.

Who should I contact?
Mr D. Spick, **Head of Business Studies and Economics**
dspick@bishopwand.surrey.sch.uk
This qualification is designed to support learners who are interested in learning about the computing sector, want to apply their coding ability to solve real-world problems, looking at a computing orientated degree and aiming to work in the computing industry. Also, it supports learners who are interested in learning about the computing sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in the computing sector.

What are the entry requirements?
Level 2 ICT qualification 5/4* or a grade 5 in Science and Maths.

What is the course content?

**Computer systems**
- The characteristics of contemporary processors, input, output and storage devices
- Software and software development
- Exchanging data
- Data types, data structures and algorithms
- Legal, moral, cultural and ethical issue

**Algorithms and programming**
- Elements of computational thinking
- Problem solving and programming
- Algorithms to solve problems and standard algorithms

**Programming project**
The learner will choose a computing problem to work through according to the guidance in the specification.

Analysis of the problem
Design of the solution
Developing the solution
Evaluation

What is the assessment process?
A Level Computer Science is assessed through two written exams (each worth 40%) and a Programming Project (worth 20%). There is one re-sit opportunity for this subject.

What progression and career opportunities are there?
There are many different careers and progression that this qualification could help students move towards. Students can choose to progress to University, employment or L4 Apprenticeships. Some programs of study includes, Data Analyst, Network Manager, Software Architect & Game Designer, Digital Media Technology, Cyber Security & Computer Forensics etc.

What additional learning opportunities will there be?
It will provide learners with a range of transferable skills which will facilitate personal growth and foster cross curriculum links in areas such as maths, science and design and technology. Computer Science is a very creative subject and skills such as problem solving and analytical thinking will all be refined and explored as learners progress through the learning and assessment programme.

Who should I contact?
Mr D. Jackson, **Head of ICT and Computing**
djackson@bishopwand.surrey.sch.uk
Do you enjoy gaming and want to learn how you can create one of your own? Got an amazing project you want to make real? Do you have an idea for an app or do you enjoy coding? Or do you simply want to gain a well-recognised qualification to compliment your other studies?

If so, this is the qualification for you!

What are the entry requirements?

Level 2 ICT qualification Merit or 5/4*

What is the course content?

<table>
<thead>
<tr>
<th>Unit Title</th>
<th>How assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Computer Science - (Synoptic)</td>
<td>External</td>
</tr>
<tr>
<td>Fundamentals of Computer Systems</td>
<td>External</td>
</tr>
<tr>
<td>IT Systems Security and Encryption.</td>
<td>Internal</td>
</tr>
<tr>
<td>Games or Website Development.</td>
<td>Internal</td>
</tr>
</tbody>
</table>

What is the assessment process?

The course consists of coursework and examination. Principles of Computer Science, is assessed by students having to complete a two hour exam, the exam has a maximum of 90 marks. During the exam students will be required to apply their acquired computer thinking skills to help solve a number of problems. Fundamentals of Computer Skills, requires students sit a 1 hour and 45 minute exam worth 80 marks. The exam will assess students’ on their knowledge and understanding of how computers systems work, including the role of hardware and software, the way components of system work together and how data in a system is used.

Other units are internally assessed; the format of the assessment is an assignment taken after the content of the unit. This ranges from practical to written types.

What progression and career opportunities are there?

This qualification provides an opportunity to progress to higher education to study a BTEC Higher National in a computing discipline, a degree in a computing discipline or a degree where computing-related skills and knowledge may be advantageous, such as Business Studies. This qualification carries UCAS points and is recognised by higher education providers as meeting admission requirements to many relevant courses. As the mandatory content is equivalent in size to one A Level, higher education representatives have confirmed that it is appropriate to allow learners to choose their optional units from a wide range so that they can explore their own choice of areas for further study.

What additional learning opportunities will there be?

During the course you will have the opportunity to meet employers in the Computing Industry.

Who should I contact?

Mr D. Jackson, Head of ICT and Computing
djackson@bishopwand.surrey.sch.uk
Should we be building new hospitals or new schools? How does a nation create wealth? Who pays for the welfare state and why? How do governments decide how to spend our taxes? Economics is concerned with the problem of scarcity – how to meet infinite wants with finite resources?

**What are the entry requirements?**

GCSE English and Maths 5

**What is the course content?**

The operation of markets and market failure
- Economic methodology and the economic problem
- Price determination in a competitive market
- Production, costs and revenue
- Competitive and concentrated markets
- The market mechanism, market failure and government intervention in markets

The national economy in a global context
- The measurement of macroeconomic performance
- How the macro economy works; the circular flow of income, AD/AS analysis, and related concepts
- Economic performance
- Macroeconomic policy

**What is the assessment process?**

The A Level is assessed by three examinations (Paper 1, Paper 2 and Paper 3) to be taken at the end of the two-year course. There is no coursework.

**What progression and career opportunities are there?**

A Level Economics develops skills that employers consistently find valuable: Communication, writing and analysis, as well as important skills like numeracy and business acumen. This leads economics students to careers as diverse as teaching, law, and journalism; they also become managers, advertising executives, and financial advisers.

**What additional learning opportunities will there be?**

Students are expected to develop a good wider understanding of the subject by attendance to seminars and conferences. There are numerous free lectures at London School of Economics and other London universities. Students are encouraged to attend or watch them online. Economic issues are always in the media and you are encouraged to follow updates from the Economist, the BBC and other reputable sources.

**Who should I contact?**

Mr D. Spick, Head of Business Studies and Economics
dspick@bishopwand.surrey.sch.uk
English Language allows students to combine creative writing with critical analysis.

Students access a wide range of topics, critically assessing them through data and texts. English Language allows students to recognise and understand more about the diversity and changes in our language’s 1,000-year-old history.

### What are the entry requirements?

GCSE English Literature and Language 5

### What is the course content?

**Textual Variations and Representations:** investigates the differences between written and spoken language, considering new types of communication.

**Language development:** explores how children learn language, examining many examples of child language data and different theories.

**Language Diversity:** language variation exploring the effects of geographical, social and personal factors.

**Language Discourses:** a directed writing task on attitudes to language.

### What is the assessment process?

- **Paper 1:** 2 hour 30 minutes written examination (40% of A Level)
- **Paper 2:** 2 hour 30 minutes written examination (40% of A Level)
- One extended essay of 2,000 words excluding data
- One piece of original writing and commentary 1,500 words in total (20% of A Level)

### What progression and career opportunities are there?

The course is acceptable to a wide range of humanities/language degree courses. It is also valuable when considering careers as diverse as journalism, publishing, management, creative and media.

### What additional learning opportunities will there be?

The Department offers trips to St Mary’s University for Enrichment Days and opportunities for practical engagement when acquiring child language acquisition data.

### Who should I contact?

Miss A. O’Neill, **A Level English Language Co-ordinator**
aoneill@bishopwand.surrey.sch.uk
A Level English Literature (AQA)

English Literature is a facilitating subject which allows students to read widely, critically and independently, across centuries, genre and gender. Students will develop as informed, independent readers who can understand meaning and appreciate contextual factors. Studying English Literature allows students to develop informed personal responses to, and criticism of, literary texts.

What are the entry requirements?

GCSE English Literature and Language 5

What is the course content?

Love through the Ages: one poetry and one prose text, one of which must be written pre-1900, and one Shakespeare play.

WW1 and its aftermath: one prose, one poetry, and one drama, of which one must be written post-2000.

What is the assessment process?

Paper 1: 3 hour written examination (40% of A Level)
Paper 2: 2 hour 30 minutes written examination (40% of A Level)
One extended essay of 2500 words (20% of A Level)

What progression and career opportunities are there?

The course is acceptable to a wide range of humanities/ language degree courses. It is also valuable when considering careers as diverse as journalism, publishing, management, creative and media.

What additional learning opportunities will there be?

The Department offers a range of theatre trips and cultural opportunities, as well as organised lectures to enhance students’ wider knowledge within this subject.

Who should I contact?

Ms S. Dodd, Head of English
sdodd@bishopwand.surrey.sch.uk
Level 3 Extended Project Qualification (EPQ) (AQA)

The Extended Project Qualification allows you to explore a topic you are interested in and develops your research skills ready for university or employment. It is a fun and refreshing change from set syllabuses as it is completely your decision what to investigate. Perhaps you want to investigate the source of income inequality in the UK or want to perform a piece of music using instruments you have made yourself! The choice is entirely yours! It is an excellent way to deepen your subject knowledge beyond the specification or plug an interest gap not covered by your A Levels e.g. you want to study International Politics or Textiles.

What are the entry requirements?

GCSE English and Maths 4 (is taken in addition to 3 other courses)

What is the course content?

This qualification is offered during the Enrichment time and in addition to three Level 3 qualifications. Students can choose the format that suits their research project best; many choose a 5000 word dissertation or investigation but students are also able to devise a performance or create an artefact and support this with a 1000 word commentary. Students will be mentored throughout the project and taught essential time management and research skills to enable them to complete their project. The qualification is worth the same UCAS points as half an A Level.

What is the assessment process?

The qualification is 100% coursework which comprises of a final project/performance/artefact, the EPQ production log and a presentation to non-specialists.

Students are continuously assessed on their ability to:

- Manage their project,
- Use a range of resources critically,
- Develop and realise their project outcome,
- Review and evaluate their project outcome.

What progression and career opportunities are there?

Universities welcome the Extended Project as excellent preparation for undergraduate study and some even reduce entry requirements for candidates with this qualification. Dependent on the project you choose this can also be an excellent way of gaining skills that are applicable to a range of higher level apprenticeships; for example, a project which involved organising a large charity event would develop business acumen and organisational skills.

What additional learning opportunities will there be?

This will be entirely dependent on the research project you choose and the opportunities you discover. In the past, student projects have led them to a range of learning opportunities beyond the classroom for example interviewing health specialists, visiting London Museums, attending council meetings and many more.

Who should I contact?

Miss A. Rook, Head of Sixth Form
arook@bishopwand.surrey.sch.uk
Are you interested in The World around you? Interested in why natural disasters occur? Interested in what the consequences might be for the planet of our rising population? If so, A Level Geography is for you.

Successful A Level Geography students are always asking questions in a quest to find out more. The new A Level specification offers the chance for pupils to develop their knowledge and understanding of both the human and physical world around them as well as developing and establishing key skills within numeracy, literacy, ICT and teamwork. Geography is also a facilitating subject that gives you many further skills required for university study.

What are the entry requirements?
GCSE Geography and English 5/4*

What is the course content?
You will study a mixture of human and physical geography across the two years of the course. The new specification also has a coursework element.

**Unit 1: Physical topics**
- Compulsory topic: Water and Carbon Cycles
- Additional physical topics:
  - Coastal Systems
  - Hazards

**Unit 2: Human topics**
- Compulsory topic: Global Systems and Global Governance
- Additional human topic:
  - Urban environments OR Population and the environment

What is the assessment process?
The A Level comprises of 3 units to be taken or submitted at the end of the second year.

**Unit 1** - Physical geography - 120 marks - 2.5 hours (40% of A Level)
**Unit 2** - Human geography - 120 marks - 2.5 hours (40% of A Level)
**Unit 3** - Geography Fieldwork Investigation – 60 marks (20% of A Level) 4,000 words approx.

What progression and career opportunities are there?
Geography is a useful subject that can be an Arts or Science degree according to your areas of interest. It combines well with Biology and History and gives a valuable understanding of contemporary issues. Other links to academic subjects include Maths, Physics, Politics and Citizenship. The skills of problem solving and analysis transfer well to many careers in administration as well as the academic jobs that are directly associated with the subject. Other links are with Geology, Meteorology and planning with International opportunities also an option.

What additional learning opportunities will there be?
Compulsory fieldwork residential to collect data for the coursework element. The Department also runs an overseas fieldtrip opportunity, where possible, to both A Level and GCSE students and previous destinations have included Naples, Sicily and Iceland.

Who should I contact?
Miss C. Leedham, **Head of Geography**
cleedham@bishopwand.surrey.sch.uk
A Level History (AQA)

Do you enjoy thinking critically? Do you enjoy constructing well evidenced arguments? Do you want to take a subject with excellent employability and University relevance?

Then History at A Level is the subject for you.

What are the entry requirements?

GCSE History and English 5/4*

What is the course content?

Unit 1: Britain 1485-1603 (The early and later Tudors)
Unit 2: The Collapse of Communism 1953 - 2000
Unit 3: Independent study / coursework – The USA c.1865 - 1965

What is the assessment process?

Two exams worth 40% each and 20% coursework. All Units are assessed by written examinations, which offer a combination of documents and essay questions. Unit 3 will be an extended piece of writing for an individual study.

What progression and career opportunities are there?

A degree in History may be used directly as in teaching or to gain entry to professions such as archaeology, architecture, broadcasting, civil service, Diplomatic Service, economics, educational administration, environmental work, journalism, law, town planning and political research.

What additional learning opportunities will there be?

Research original documents at the National Archives Office and University Libraries. Visits to places of historical significance such as Hampton Court.

Who should I contact?

Mr A. McConnell, Head of History
amcconnell@bishopwand.surrey.sch.uk
Learn more than just a language! French A Level gives you the opportunity to study a film and a literary text as well as a variety of aspects of French culture, combining the study of the language with current affairs and topical debate.

### What are the entry requirements?

- GCSE French 6/5*  

### What is the course content?

- Social issues and trends  
- Political and artistic culture  
- Study of a literary text  
- Study of a film  
- French grammar

### What is the assessment process?

- Paper 1: Listening, Reading and Writing Exam  
- Paper 2: Writing Exam (based on your literary and film studies)  
- Paper 3: Speaking Exam

### What progression and career opportunities are there?

Languages can work alongside any career path, they can make you a more attractive candidate for employment or university. A language at A Level also gives you the chance to spend a year of your degree abroad.

### What additional learning opportunities will there be?

- Cinema and theatre trips

### Who should I contact?

Mrs N. Tierney, **Head of Modern Foreign Languages**  
ntierney@bishopwand.surrey.sch.uk
Learn more than just a language! Spanish A Level gives you the opportunity to study a film and a literary text as well as a variety of aspects of Hispanic culture, combining the study of the language with current affairs and topical debate.

**What are the entry requirements?**

| GCSE Spanish 6/5* |

**What is the course content?**

- Social issues and trends
- Study of a film
- Political and artistic culture
- Study of a literary text
- Spanish grammar

**What is the assessment process?**

- Paper 1: Listening, Reading and Writing Exam
- Paper 2: Writing Exam (based on your literary and film studies)
- Paper 3: Speaking Exam

**What progression and career opportunities are there?**

Languages can work alongside any career path, they can make you a more attractive candidate for employment or university. A language at A Level also gives you the chance to spend a year of your degree abroad.

**What additional learning opportunities will there be?**

- Spain Trip
- Cinema and theatre trips

**Who should I contact?**

Mrs N. Tierney, Head of Modern Foreign Languages
ntierney@bishopwand.surrey.sch.uk
A Level Mathematics (Edexcel)

Although traditionally seen as complimenting the sciences, Mathematics forms a compatible combination with many other subjects and is nowadays particularly popular with employers. The statistics element of the course may be particularly helpful with Geography, Biology and Psychology while the mechanics units are helpful for students who hope to study Physics or Engineering.

What are the entry requirements?

GCSE Maths 6/5*

What is the course content?

In Mathematics A Level, students study a combination of pure mathematics and application. Algebra and trigonometry are continued in greater depth and the powerful techniques of Calculus are introduced. The Statistics unit involves further work on probability and data representation. New topics such as correlation, regression and discrete random variables are introduced.

In the second year the work done on Calculus is developed further and vector theory is introduced. The basic principles of Newtonian Mechanics are taught and topics such as equations of motion, moments and momentum are covered.

What is the assessment process?

- Pure Maths 1 (33.3%) 2 hour exam
- Pure Maths 2 (33.3%) 2 hour exam
- Statistics and Mechanics (33.3%) 2 hour exam

What progression and career opportunities are there?

Mathematics is welcomed by Higher Education for admission to degrees in the sciences, Geography, Economics and Business Studies, as well as being an essential requirement to engineering degree courses. Students intending to study mathematics at degree level should consider taking either an AS or A Level in Further Mathematics.

What additional learning opportunities will there be?

- Team & Individual Maths Challenge
- Visit to the David & Claudia Harding Mathematics Gallery at the Science Museum
- University Masterclasses.

Who should I contact?

Mr P. Demetriou, Head of Mathematics
pdemetriou@bishopwand.surrey.sch.uk
Further Mathematics (Edexcel)

Further Mathematics is a second A level in Mathematics which both broadens and deepens the mathematics covered in the main course. Students taking Further Mathematics will find it rewarding, stimulating and empowering experience.

What are the entry requirements?

GCSE Maths 8/7*

What is the course content?

In addition to the topics that you will study with A Level Mathematics you will begin a journey that includes imaginary numbers, matrices and differential equations. You will take a combination of further pure modules and applied modules in either: Decision, Statistics or Mechanics. This course would suit students who love Mathematics. You would be the type of student who enjoys seeing links between mathematical concepts and would happily read a mathematics book for pleasure.

What is the assessment process?

Further Pure 1 (25%) 1.5 hour exam
Further Pure 2 (25%) 1.5 hour exam
Further Maths Option 1 (25%) 1.5 hour exam
Further Maths Option 2 (25%) 1.5 hour exam

What progression and career opportunities are there?

Students who study Further Mathematics are usually looking to apply to get on a highly mathematical course at university, such as engineering, physics or mathematics itself. Some prestigious universities will only accept students with Further Mathematics qualifications.

What additional learning opportunities will there be?

STEP & MAT Entrance Exam Preparation
Team & Individual Maths Challenge
Visit to the David & Claudia Harding Mathematics Gallery at the Science Museum
University Masterclasses.

Who should I contact?

Mr P. Demetriou, **Head of Mathematics**
pdemetriou@bishopwand.surrey.sch.uk
Core Mathematics (Edexcel)

Core Maths is a brand new course. It’s intended for students who are keen to extend their GCSE Maths skills for future study or work but aren’t planning on taking Mathematics at A level. In future, you’ll need to be able to use Maths to calculate how long it will take to pay off a student loan; work out if you could own a house and understand percentage increases in your salary.

What are the entry requirements?

GCSE Maths 5/4* (taken in addition to 3 other courses)

What is the course content?

The Core Maths qualification is designed for students who have achieved a grade 9-4 in GCSE Mathematics, but who choose not to continue with A level Mathematics. The course will enable you to improve your mathematical knowledge and show you how to apply it in real-world contexts. The content areas covered in this qualification are:

- Applications of statistics
- Probability
- Linear programming
- Sequences and Growth

What is the assessment process?

Paper 1: Comprehension (40%) 1 hour 40mins exam
Paper 2: Applications (60%) 1 hour 40mins exam

What progression and career opportunities are there?

Core Mathematics is a Level 3 certificated qualification which is the equivalent to an AS level which is recognised by universities and employers alike.

What additional learning opportunities will there be?

Visit to the David & Claudia Harding Mathematics Gallery at the Science Museum

Who should I contact?

Mr P. Demetriou, Head of Mathematics
pdemetriou@bishopwand.surrey.sch.uk
Have you ever wondered who is really in control? Do you want to know why you choose the clothes, food, friends that you do? Then Media Studies is for you! You will evaluate and analyse a variety of media products, and develop practical skills spanning a range of media forms. You’ll find contemporary, diverse topics and varied and engaging content, helping you to develop research and problem-solving skills as well as your creativity. You’ll also refine your debating skills through the discussion of contemporary issues from a range of perspectives.

### What are the entry requirements?
GCSE Media preferable 5/4* and English 4

### What is the course content?
- **Close Study Products (CSP’s)**
- **Contexts of the Media**
- **Media Language**
- **Media Representation**
- **Media Industries**
- **Media Audiences**
- **Media Formats** (including Television, Radio, Music Video, Newspapers, Magazines, Advertising/ marketing, Social Media and Video Games)

### What is the assessment process?
- Issues and debates in the Media (2 hour paper, 35%)
- Analysis and context of Close Studio Products (2 hour paper, 35%)
- Creating a Media Product (non-exam assessment, 30%)

### What progression and career opportunities are there?
Media Studies is increasingly popular as a BA Hons course in its own right. The core skills of independent thinking and critical evaluation make it equally transferable to a range of humanities subjects in further education. Whilst vocational prospects within the Media Industry are not yet reliant on previous study, this is becoming an increasingly important first step for people seeking employment in this vibrant area of employment.

### What additional learning opportunities will there be?
Warner Brothers Studio
British Film Institute

### Who should I contact?
Mr M. Wilson, **Subject Leader of Media Studies**
mwilson@bishopwand.surrey.sch.uk
Drama and Theatre Studies examines a range of contemporary performance styles and techniques, and investigates the process and purpose of theatre making across a range of different social, cultural and historical contexts. During the course you will study at least seven different plays, exploring them in a range of different practical settings, such as workshops, performances and presentations. You will explore the different roles in theatre making and develop a working knowledge of acting, directing and designing, experiencing the process from pre-production and research to rehearsal, performance and finally through to evaluation. You will perform both in an examination setting in School but also have the opportunity to perform with your group either on tour or in a professional theatre space. You will develop your critical thinking, evaluative, creative and teamwork skills alongside your performance technique and be given the opportunity to stretch your ability to lead a group on achieving deadlines, using self-discipline and initiative.

What are the entry requirements?
GCSE Theatre preferable and English 4

What is the course content?

**Component 1**
**Devising**
Teacher assessed and externally moderated

Devising an original piece of theatre using an extract from a play and theatre practitioner as stimuli.
There are two parts to the assessment:
1) A portfolio
2) The devised performance/design realisation

**Component 2**
**Text In Performance**
External examiner

There are two parts to the assessment:
A monologue or duologue performance from a performance text.
A group performance of one key extract from a different performance text.

**Component 3**
**Theatre Makers In Practice**
Written exam

Section A: Live Theatre Evaluation
Section B: Practical exploration and study of a complete performance text – focusing on how this can be realised for performance.
Section C: Practical exploration and interpretation of another complete performance text, focusing on how this play could be staged for a contemporary audience.

What progression and career opportunities are there?

We pride ourselves on being a credible springboard for students who want to go on to train in the profession, and in recent years we have had ever increasing success in getting our students into high profile drama training academies such as RADA, Mountview, LAMDA, Rose Bruford and Guildford School of Acting, as well as other university Drama courses.

Additionally, the core skills of imaginative and independent thinking, critical evaluation, communication, problem solving and working with others make this highly valued by a wide range of university courses and further education institutions. Bishop Wand students successfully completing A Level Theatre Studies have gone on to study subjects such as Criminal Psychology, History, Teaching, Art, English, Nursing, Maths and Accounting, Music, International Politics, Fashion Design, Radio Production and Sport Science.

Finally, with enterprise, teamwork and problem solving at the core of so many careers today this is a highly regarded A level for employers.

What additional learning opportunities will there be?

There are opportunities to specialise in acting, design or direction; we have a programme of theatre visits during the year; a Stratford-Upon-Avon residential; Theatre Company Tour, Mentoring GCSE students and leadership roles in our shows.

Who should I contact?

Mrs TA. Cutbush, **Head of Performing Arts**
tcutbush@bishopwand.surrey.sch.uk
## What are the entry requirements?

To specialise in Drama: GCSE Drama is preferable and English 4
To specialise in Dance: GCSE Dance is preferable and English 4
To specialise in Music: GCSE Music is preferable and English 4
Alternatively, a proven track record of performance in Musical theatre and English 4.

## What is the course content?

- Unit 1 Preparing to Work in the Performing Arts sector
- Unit 2 Proposal for a Commissioning Brief
- Unit 3 Influential Performance Practice
- Unit 4 Combined Arts
- Unit 5 Performing Repertoire

## What is the assessment process?

Unit 1 and Unit 2 are externally assessed in a two week examination period.
All other Units comprise of written coursework and practical assessments, which are externally moderated.

## What progression and career opportunities are there?

Some students have continued their studies in Performing Arts at Mountview, London Studio Centre and LAMDA to name but a few. Some careers that link to this course are within: Acting, Dance, Singing, Musical Theatre, Dance teaching, Primary and Secondary teaching, choreographing, TV production, nutritionist, event management, theatre design, sports trainer, dance physiotherapy, business management, film studies, journalist, theatre critic, reporter, retail, costume design, visual media, lighting/set design.

## What additional learning opportunities will there be?

Students will be able to work with professionals in the industry in workshops. We go on theatre trips and back stage trips. Students take part in productions and Performing Arts Festivals and extra curricular clubs.

## Who should I contact?

Mrs TA. Cutbush, **Head of Performing Arts**
tcutbush@bishopwand.surrey.sch.uk
Students will study the human body and how it adapts to exercise, training and the factors affecting performance. Students also learn about psychological factors affecting performance in sport and how skills are learned. Students will also study Sport and the society by studying global events and its impact on upon social issues. This component focuses on the contemporary issues that influence and affect physical activity and sport for both the audience and performer and how sport affects society.

Students will also be assessed in one sport. Students can participate either as a performer or a coach in their selected sport. Students will also have to analyse another student’s performance in one sport and suggest ways to improve the performance of the observed student.

**What are the entry requirements?**

GCSE PE 5/4*

**What is the course content?**

A two year A Level studying principles and concepts across different areas of Physical Education. Students learn about Applied Anatomy and Physiology, Exercise Physiology, Biomechanics, Skill Acquisition, Sport Psychology and Sport and Society.

Practical Sport aspect - this is the practical aspect of the course and accounts for 30% of the grade. Students can be assessed as a either a performer or coach in one sport.

**What is the assessment process?**

70% of the course is externally assessed with 3 written theory examinations.
- Paper 1: Physiological actors affecting performance (30%)
- Paper 2: Psychological factors affecting performance (20%),
- Paper 3: Socio Cultural issues in physical education (20%).

The Practical performance and the analysis of performance count for 30% of the marks awarded.

**What progression and career opportunities are there?**

Sports and leisure are diverse industries and employ a significant number of people in the UK. An A Level qualification in Physical Education would help support employment in physiotherapy, sports administration, sports and leisure management, sports coaching and teaching, personal fitness instructors, scientific research and sports journalism amongst many others.

**What additional learning opportunities will there be?**

Students are encouraged to support younger years extra-curricular provision in a coaching and leadership capacity as well as participating themselves in sport. Links and visits to see Sport Science in an applied setting will be available.

**Who should I contact?**

Mr A. Leyland, **Head of Physical Education**
aleyland@bishopwand.surrey.sch.uk
This course will give students an insight into why people behave in certain ways and what motivates human behaviour. Psychology provides a strong academic background complimenting many other A Level courses.

It will benefit a variety of careers including nursing, medicine, teaching, police and the media as well as providing fundamental and lasting personal insights.

### What are the entry requirements?

GCSE English and Maths 5

### What is the course content?

- **Social Influence** – Obedience and conformity.
- **Cognitive Psychology** – The nature of memory.
- **Developmental Psychology** – Attachments between parent and child.
- **Psychopathology** – OCD, Depression and Phobias.
- **Approaches** – Different perspectives in psychology.
- **Biopsychology** – How Biology drives our behaviour.
- **Research Methods**
- **Issues and Debates**
- **Gender** – Biological and psychological explanations of gender development.
- **Schizophrenia** – The nature and treatments of schizophrenia.
- **Aggression** – Biological and psychological factors influencing aggression.

### What is the assessment process?

- **Paper 1** – Social, Memory, Attachment & Psychopathology
  
  Written exam: 2 hours, 96 marks in total, 33.3% of A-level

- **Paper 2** – Approaches, Biopsychology & Research Methods, Written exam: 2 hours
  
  96 marks in total, 33.3% of A-level

- **Paper 3** – Issues and Debates, Schizophrenia, Aggression & Gender, Written exam:
  
  2 hours, 96 marks in total, 33.3% of A-level

### What progression and career opportunities are there?

Psychology is useful for any job that requires lots of interaction or an understanding of human behaviour and development. People with skills in Psychology are sought after in business, management, teaching, research, social work and careers in medicine and healthcare. Psychology is useful for a range of social science, arts and healthcare related degrees including: Childhood Studies, Media Studies, Physiotherapy, Nursing, Occupational Therapy, Sports Science, Psychology, Sociology, Speech Therapy and Social Work.

### What additional learning opportunities will there be?

tutor2u revision conference

### Who should I contact?

Mrs R. Mackenzie, **Head of Psychology**

rmackenzie@bishopwand.surrey.sch.uk
Do you enjoy looking for answers to the biggest questions in our universe? Do you have an interest in debating, discussion and questioning? Do you like to be challenged in your thinking processes? If the answer to these questions is yes, then choose Philosophy and Ethics.

The main aim of the course is to develop your mind and teach you to think as an individual. Philosophy and Ethics is a dynamic subject; it is taught by a department that aims for teaching that is both challenging and engaging.

What are the entry requirements?
GCSE RS 5/4* and English 5/4*

What is the course content?

**Philosophy of Religion**
This include topics such as: ancient philosophical influences, the nature of the soul, mind and body and arguments about the existence or non-existence of God.

**Religion and Ethics**
Students explore such topics as: normative ethical theories; ethical language and thought; and debates surrounding the significant idea of conscience.

**Developments in Religious Thought**
Examining topics such as: religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world; and sources of religious wisdom and authority.

What is the assessment process?

<table>
<thead>
<tr>
<th>Philosophy of Religion</th>
<th>Religion and Ethics</th>
<th>Developments in Religious Thought</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 hour written paper (33.3%)</td>
<td>2 hour written paper (33.3%)</td>
<td>2 hour written paper (33.3%)</td>
</tr>
</tbody>
</table>

What progression and career opportunities are there?

Philosophy is about giving you the skills to analyse and evaluate arguments and to express your own views clearly and coherently. By investigating a range of world views you can see more clearly how you want to fit into that world.

Philosophy and Ethics is viewed by universities and the work place as a highly academic and challenging subject that produces students who have strong debating, research and analytical skills.

Philosophy and Ethics can lead to a range of careers, including journalism, law, finance, politics, insurance, stockbroking, accountancy, politics, NHS administration, school teaching, local government, social work, television and radio.

The reason for this variety is partly because of what the subject teaches - knowledge of the way humans think, act, make decisions, and create belief systems, and this is useful to any career involving people.

What additional learning opportunities will there be?

Students have the opportunity to attend outside conferences and lectures on a variety of topics; Women in Faith Conferences, Post 16 Question Time, Masterclasses.

Who should I contact?

Mr P. Frith, **Head of Religious Studies**
pfrith@bishopwand.surrey.sch.uk
A Level Biology A (OCR)

Biology is a fascinating topic where we study everything from amoeba to dinosaurs! Discover the biochemistry, anatomy, and physiology behind how and why our bodies work the way they do and what happens when something goes wrong. Explain the complex interdependence between organisms in ecosystems and explore a range of strategies to measure and maintain biodiversity to ensure stability for the future. Full of practical, hands on investigative work in a friendly, supportive atmosphere.

**What are the entry requirements?**

GCSE Biology 6/5* or Science 6/5* and English/Maths 6/5*

**What is the course content?**

- Module 1 Development of practical skills in biology
- Module 2 Foundations of biology
- Module 3 Exchange and transport
- Module 4 Biodiversity, Evolution and Disease
- Module 5 Communication, Homeostasis and Energy
- Module 6 Genetics, Evolution and Ecosystems

**What is the assessment process?**

- Paper 1: M1, 2, 3, & 5. Biological Processes 2 hour 15mins (37%)
- Paper 2: M1, 2, 4 & 6. Biological Diversity 2 hour 15mins (37%)
- Paper 3: M1, 2, 3, 4, 5 & 6. Unified Biology 1 hour 30mins (26%)
- Practical Endorsement for biology, pass or fail (not examined but reported separately)

A wide range of question types which include multiple choice, short answer and extended response.

**What progression and career opportunities are there?**

The skills and knowledge you acquire from studying biology at A level provide you with limitless opportunities. Some possible courses and careers include: medicine, ecology, forest management, physiotherapy, occupational therapy, teaching, nursing, forensics, pharmacy, dentistry, marine biology and much much more. The only limit to the opportunities available to you is your imagination!

**What additional learning opportunities will there be?**

Every year, Year 12 biologists complete the practical component of the ecology unit whilst on a residential trip to a field study centre. There are also opportunities to go on revision seminars during Year 12 and 13 in preparation for final exams.

**Who should I contact?**

Mrs. L. Mercer, **Subject Leader of Biology**
lmercer@bishopwand.surrey.sch.uk
A Level Chemistry A (OCR)

A level Chemistry will give you a fresh insight into the contemporary world of Chemistry and its direct impact on our lives. It will develop your understanding of key chemical concepts together with practical skills as an integral part of the course. The combination of academic challenge with a practical focus makes studying A level Chemistry highly appealing to able students. By studying A level Chemistry you will learn practical investigation techniques and acquire transferrable problem solving skills.

If you are considering Medicine or Engineering as a career, have an interest in Science and enjoy problem solving or would like to continue your study of Science and Mathematics at A level, then A level Chemistry is for you!

What are the entry requirements?
GCSE Chemistry 6/5* or Science 6/5* and English/Maths 6/5*

What is the course content?
Module 1 Development of practical skills in chemistry
Module 2 Foundations of chemistry
Module 3 Periodic table and energy
Module 4 Core organic chemistry
Module 5 Physical chemistry and transition elements
Module 6 Organic chemistry and analysis

What is the assessment process?
Paper 1: M1, 2, 3, & 5. Periodic table, elements and physical chemistry 2hour 15mins (37%)
Paper 2: M1, 2, 4 & 6. Synthesis and analytical techniques 2hour 15mins (37%)
Paper 3: M1, 2, 3, 4, 5 & 6. Unified chemistry 1hour 30mins (26%)
Practical Endorsement for chemistry, pass or fail (not examined but reported separately)
A wide range of questions types which include multiple choice, short answer and extended Response.

What progression and career opportunities are there?
Chemistry A Level is a respected qualification. It is essential for medicine, veterinary science and chemical engineering and can be used as an entry subject for many university courses such as physiotherapy, law and economics. It is desirable to support Biology, Physics, Earth Science, Mathematics and opens the door to many varied career choices.

What additional learning opportunities will there be?
Visits by guest speakers from RSC Chemnet, The Institute of Chemistry and Spectroscopy in a Suitcase. Trips to chemistry events such as Science Live and Chemistry in Action. We have close links with BP Sunbury and NPL Teddington.

Who should I contact?
Mrs T. Hayter, Subject Leader of Chemistry and Acting Head of Science
thayter@bishopwand.surrey.sch.uk
If you are curious, questioning, logical and interested in the universe, then this is the course for you!

We will embark upon a voyage of discovery spanning the vastness of the observable universe and deconstructing the building blocks of matter and the forces which hold them together.

We will hone our practical skills and become competent and methodical practitioners, able to analyse the data we collect without bias and evaluate the limitations of our experiments.

### What are the entry requirements?

- GCSE Physics 6/5* or Science 6/5* and English/Maths 6/5*

### What is the course content?

- Module 1: Foundations of Physics
- Module 2: Force and Motion
- Module 3: Electrons
- Module 4: Waves and Photons
- Module 5: Newtonian World and Astrophysics
- Module 6: Particles and Medical Physics

### What is the assessment process?

- Paper 1: Modelling Physics 2 hours 15 min (37%)
- Paper 2 Exploring Physics 2 hours 15 min (37%)
- Paper 3: Unified Physics 1 hour 30 min Synoptic Questions (26%)
- Practical Endorsement for Physics, pass or fail (not examined but reported separately)

A wide range of questions types which include multiple choice, short answer and extended response questions.

### What progression and career opportunities are there?

The sky is not even the limit. Physics is a universally respected A Level and although you will probably be so enthralled by Physics you want to go on and study it in its pure form at university the skills you have developed are a gateway to any career.

### What additional learning opportunities will there be?

We have close links with the National Physical Laboratories and BP and take every opportunity to showcase Physics in the real world.

### Who should I contact

Mrs J. Anderson, **Subject Leader of Physics**
janderson@bishopwand.surrey.sch.uk
Sociology is a popular choice offered by most major universities, and is recognised for its emphasis on analysis, research and versatility. Every aspect of life is by definition part of Sociology: The study of societies and the people within them, institutions both public and private, systems, social interaction etc. In this era of immense social upheaval and change, Sociology is more relevant than ever before, and encourages young people to investigate the facts behind the hyperbole.

### A Level Sociology (AQA)

<table>
<thead>
<tr>
<th>What are the entry requirements?</th>
<th>GCSE RS 5/4<em>and English 5/4</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>What is the course content?</td>
<td>Core themes</td>
</tr>
<tr>
<td></td>
<td>-Contemporary UK Society:</td>
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<tr>
<td></td>
<td>Education</td>
</tr>
<tr>
<td></td>
<td>Culture and Identity</td>
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<td></td>
<td>The Media</td>
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<tr>
<td></td>
<td>Crime and Deviance</td>
</tr>
<tr>
<td></td>
<td>Social research methods</td>
</tr>
<tr>
<td>What is the assessment process?</td>
<td>Education with Theory and Methods (2 hour written exam, 33.3%)</td>
</tr>
<tr>
<td></td>
<td>Topics in Sociology (2 hour written exam, 33.3%)</td>
</tr>
<tr>
<td></td>
<td>Crime and Deviance with Theory and Methods (2 hour written exam, 33.3%)</td>
</tr>
<tr>
<td>What progression and career opportunities are there?</td>
<td>Due to its versatility, studying Sociology opens various doors without closing any: careers can go on to include literally anything at all. If you study Sociology beyond A level, you will have the opportunity to specialise in your area of particular interest, with popular routes including criminology, urban planning, policing, social policy, anthropology and education.</td>
</tr>
<tr>
<td>What additional learning opportunities will there be?</td>
<td>Attendance of outside conferences and lectures, online debates and conducting social research projects.</td>
</tr>
<tr>
<td>Who should I contact</td>
<td>Mr A. Grayson, <strong>Teacher of Religious Studies and Sociology</strong> <a href="mailto:agrayson@bishopwand.surrey.sch.uk">agrayson@bishopwand.surrey.sch.uk</a></td>
</tr>
</tbody>
</table>
**A Level Design and Technology: Product Design (AQA)**

A creative and thought provoking qualification giving students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Students will gain a real understanding of what it means to be a designer, investigating historical, social, cultural, environmental and economic design alongside the knowledge and skills sort by industry.

### What are the entry requirements?

GCSE Technology preferable 5/4*

### What is the course content?

**Principles of Design and Technology**

The paper includes a mixture of short answer, multiple choice and open-response questions as well as extended-writing questions focused on:

- analysis and evaluation of design decisions and outcomes based on visual stimulus of Products.
- analysis and evaluation of commercial manufacture.

**Independent Design and Make Project**

The investigation report is internally assessed and externally moderated.
- Students will produce a substantial design, make and evaluate project which consists of a portfolio and a prototype.

### What is the assessment process?

- Paper 1—25% Written exam (core technical principles, core designing and making principles)
- Paper 2—25% Written exam (Additional specialist knowledge)
- Non-exam assessment—50% (substantial design and make task)

### What progression and career opportunities are there?

A number of design courses are available at a wide range of universities. The understanding, skills and knowledge from this course give a good foundation for careers in fashion, product design, textiles design, furniture design, graphics, multimedia and many more.

### What additional learning opportunities will there be?

We have practical workshops based on 2D/3D design, CAD/CAM and technical drawings. The lessons include practical and theory based work with discussion groups, tutorials and group design tasks. We will have a number of external experts and organized trips to support our students’ creative development.

### Who should I contact?

Mrs V. Woodier, **Head of Design and Technology**

vwoodier@bishopwand.surrey.sch.uk
The WJEC Level 3 Applied Diploma in Tourism is an applied general qualification for Post 16 learners who aim to progress to Higher Education and ultimately employment.

You will be provided with an all-round introduction to the travel and tourism sector for those who wish to further their careers in one of its many connected industries, including retail, travel, visitor attractions, accommodation, transport and tour operations.

<table>
<thead>
<tr>
<th>What are the entry requirements?</th>
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<tbody>
<tr>
<td>GCSE English 4</td>
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<thead>
<tr>
<th>What is the course content?</th>
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<tbody>
<tr>
<td>The United Kingdom Tourism Product</td>
</tr>
<tr>
<td>Worldwide Tourism Destinations</td>
</tr>
<tr>
<td>The Dynamic Tourism Industry</td>
</tr>
<tr>
<td>Event and Itinerary Planning</td>
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<tr>
<th>What is the assessment process?</th>
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<tbody>
<tr>
<td>The WJEC Level 3 Applied Diploma in Tourism qualification is assessed through a combination of two written examinations, set and marked by WJEC and two centre-marked assignments, moderated by WJEC.</td>
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<tr>
<th>What progression and career opportunities are there?</th>
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<tbody>
<tr>
<td>The qualification will prompt research, investigation and consideration of many aspects of tourism which should promote an understanding of the career opportunities available. The qualification has been designed to support access to Higher Education undergraduate degree courses such as:</td>
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<tr>
<td>- Tourism Management</td>
</tr>
<tr>
<td>- Marketing</td>
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<tr>
<td>- Business</td>
</tr>
<tr>
<td>- International Tourism</td>
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<tr>
<td>- Event Management</td>
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<tr>
<td>The qualification will also enable learners to gain the required understanding and skills to be able to consider employment within a wide spectrum of tourism sectors.</td>
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</tbody>
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<thead>
<tr>
<th>Who should I contact?</th>
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<tbody>
<tr>
<td>Mr D. Spick, <strong>Subject Leader of Travel and Tourism</strong></td>
</tr>
<tr>
<td><a href="mailto:dspick@bishopwand.surrey.sch.uk">dspick@bishopwand.surrey.sch.uk</a></td>
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