



ST BEES SCHOOL

WHERE WEST MEETS EAST

SIXTH FORM



WELCOME TO ST BEES SIXTH FORM

St Bees School Sixth Form gives you the support and guidance to go above and beyond your potential.

From the moment you enroll with us, you will be welcomed into the supportive, friendly St Bees School family where everyone encourages each other to be successful - not only academically, but also as an individual.

Our small class sizes allow you a unique, individualised and student-centred teaching environment with your peers and subject teachers. Learn in a dynamic, more active environment which encourages you to thrive and succeed.

We help you develop your character alongside your studies as we know just how important it is to be prepared for the world of tomorrow. Employers look beyond academic ability, and we ensure you are fully prepared for life beyond academics.

At St Bees, we are very proud to be 'Developing the Person and their Future' and cannot wait to welcome you into our family.

Andrew Keep

Head of Sixth Form and Deputy Head



WHAT DO OUR STUDENTS THINK?



"I am thoroughly enjoying my time at St Bees School Sixth Form. The teachers are very supportive of my studies, and make lessons fun and engaging.

I am looking to pursue a career as a surgeon, and St Bees is the perfect starting place to enhance my knowledge and also build my character before heading to university. I feel fully prepared and ready for my future career"

Aleksandar, Year 12

"Being a Sixth Form student at St Bees has been a very positive experience for me. As an artist, the school is situated in a beautiful area with lots of creative inspiration and it has really boosted my enthusiasm to push myself further to better my skills.

The school community is more like a family. Everyone is so friendly and happy to help each other, no matter what. "

Yuchang, Year 13



"The boarding community is very tight-knit, and we all encourage and help each other to succeed. It is a cultural hub, and we all get to learn about other countries and ways of life through making friends.

I appreciate the opportunities that St Bees School provide to help grow myself as a person, not just my studies - something very important to set yourself apart from other candidates in the world of work "

Clara, Year 12

A FUTURE-FOCUSED SIXTH FORM

St Bees School is over 435 years old, yet we are always looking to the future - especially when it comes to guiding students along their school career.

Our dedicated team of teachers and support staff are always on hand to give you the help, support and encouragement you need to succeed in your studies and the world of tomorrow.

Sixth Form life at St Bees is much more than just studying. A unique Global Awareness Programme provides the skills to be confident and resourceful outside the classroom; from presentation skills, to public speaking, research skills and more.

These are the things that will set you apart from others; whether it's at university, a job interview or even in everyday life. At St Bees, learning doesn't end in a classroom.

There are also a range of opportunities outside of the school day. These include joining on of our numerous enrichment programmes - from Fitness and Enterprise to an environmentally driven "Eco Programme."





BOARDING AT ST BEES

The boarding community at St Bees is a melting pot of culture, with many boarders coming to us from all around the world.

Our recently refurbished boarding house provides everything you need to kick back and relax after all that hard work at the end of the day.

Rooms are furnished to a high standard and provide a comfortable and welcoming second home — a true home-away-from-home.

At weekends, boarders engage in a variety of stimulating and exciting activities to enrich their St Bees experience even more.

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COURSES

ART AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

You will be expected to have achieved at least a Level 6 in GCSE/IGCSE Art.

COURSE MODULES

There are 3 components to the full A level course, taken over 2 years. AS students will take components 1 and 2 only in one year.

HOW YOU WILL BE ASSESSED

Component 1: Coursework

Students research, develop and realise a project. They submit a portfolio of work and a final outcome.

Component 2; Externally set assignment

Students choose a starting point and develop a personal response. Within a given time period, students create a range of supporting studies. They then produce a final outcome from their supporting studies during a 15 hour supervised test.

Component 3: Personal Investigation

Students investigate a theme, idea, concept or process which is personal to them. They submit both practical work and a written analysis (1000-1500 words). The practical work and analysis form an integrated submission.

UNIVERSITY COURSES AND CAREER PATHS

Future careers in the Arts would include; fine art, film and television, architecture, interior design, fashion design, make-up and prosthetics, graphic communication, animation, photography, costume and theatre set design and many more.

By the end of the course, students would have created a striking, professional portfolio that would enable students to attend interview and pursue a higher education course and career in the Arts.

BIOLOGY

AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

You will be expected to have achieved at least a Level 5 in Biology or Combined Science GCSE.

COURSE MODULES

There are six key concept areas that you will study:

Cells as the units of life
Biochemical processes
DNA, the molecule of heredity
Natural selection
Organisms in their environment
Observation and experiment

HOW YOU WILL BE ASSESSED

AS Level Biology is assessed by 3 external examinations.

| | | |
|---|----------------------|-----------------------------|
| Paper 1 - Multiple Choice | (1 hour 15 min exam) | 15.5% of the overall grade. |
| Paper 2 - AS Level Structured Questions | (1 hour 15 min exam) | 23% of the overall grade. |
| Paper 3 - Advanced Practical Skills | (2 hour exam) | 11.5% of the overall grade. |

A Level Biology is assessed by 5 external examinations. The three papers based on AS only content, plus 2 more papers which are based on content from the whole 2 years.

| | | |
|---|----------------------|---|
| Paper 4 - A Level Structured Questions | (2 hour exam) | 38.5% of the overall grade. |
| Paper 5 - Planning, Analysis and Evaluation | (1 hour 15 min exam) | 11.5% of the overall grade. Evaluation) |

UNIVERSITY COURSES AND CAREER PATHS

Students go on to be some of the most important people in our society such as Research scientists, doctors and veterinary professionals.

CHEMISTRY

AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

You will be expected to have achieved at least a Level 5 in Chemistry or Combined Science GCSE.

COURSE MODULES

- Atoms and forces
- Experiments and evidence
- Patterns in chemical behaviour and reactions
- Chemical bonds
- Energy changes

HOW YOU WILL BE ASSESSED

AS Chemistry is assessed by three external examinations.

| | |
|---|-----------------------------|
| Paper 1 - Multiple Choice | 15.5% of the overall grade. |
| Paper 2 - AS Level Structured Questions | 23% of the overall grade. |
| Paper 3 - Advanced Practical Skills | 11.5% of the overall grade. |

A Level Chemistry is assessed by two more papers which are based on content from the whole two years.

| | |
|---|------------------------------|
| Paper 4 (A Level Structured Questions) | 38.5 % of the overall grade. |
| Paper 5 (Planning, Analysis and Evaluation) | 11.5% of the overall grade. |

UNIVERSITY COURSES AND CAREER PATHS

An A Level in Cambridge International Chemistry can take you any where in the world and is accepted as equivalent, grade for grade, to UK AS & A Levels by leading universities worldwide.

We encourage all of our learners to develop a set of transferable skills that opens more doors than a narrowing of subjects closes.

This means that with an A Level in chemistry you can progress into fields such as medicine, veterinary science, biological science, engineering, geology and many more.

ECONOMICS

AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

COURSE MODULES

The syllabus over two years covers a range of economics ideas and they include the following;

AS Level

The economic problem, allocation of resources. the market economy, production possibility curves, the price system, microeconomics, macroeconomics and Government intervention

A Level

Economic efficiency, market failure, law of diminishing marginal utility, law of diminishing returns, market structures, Government policies and Economic growth

HOW YOU WILL BE ASSESSED

AS Level Economics is assessed by two external examinations.

| | | |
|--|----------------------|--------------------------|
| Paper 1- Multiple Choice | (1 hour exam) | 20% of the overall grade |
| Paper 2 - Date-response and structured essay | (1 hour 30 min exam) | 30% of overall grade |

A Level Economics is assessed by two further examinations.

| | | |
|--|----------------------|--------------------------|
| Paper 3- Multiple Choice | (1 hour 15 min exam) | 15% of the overall grade |
| Paper 4 - Date-response and structured essay | (3 hour 15 min exam) | 35% of the overall grade |

UNIVERSITY COURSES AND CAREER PATHS

You can progress on to University or a career in economics.

Jobs include chartered accountant, compliance officer, data analyst, economist, financial risk analyst, Investment analyst, stockbroker, statistician and more.

FURTHER MATHS

A LEVEL

SPECIFIC ENTRY REQUIREMENTS

Students must have a minimum GCSE grade of 7 or equivalent in maths and preferably have a minimum GCSE grade of 7 or equivalent in further/additional maths.

Students must also have chosen to study A level Mathematics.

COURSE MODULES

The three areas of study focus on a number of different topics. These are summarised below:

Pure Mathematics

Roots of Polynomials, Rational Functions, Summation of Series, Matrices, Polar Co-ordinates, Vectors and Proof by Induction, Hyperbolic Functions, Further Calculus, Complex numbers, Differential Equations.

Mechanics

Projectiles, Equilibrium of a Rigid Body, Circular Motion, Hooke's Law, Linear Motion under a Variable Force, Momentum.

Probability & Statistics

Continuous random variables, Inferential Statistics, Chi-squared test, Non-parametric tests, Probability Generating Functions.

HOW YOU WILL BE ASSESSED

The course is assessed through written exams at A level only. All of the exams will be taken at the end of the two year course.

There are four components to the assessments as detailed below:

| | | |
|---|------------------|--------------------------|
| Further Pure Mathematics 1 | (2 hour exam) | 30% of the overall grade |
| Further Pure Mathematics 2 | (2 hour exam) | 30% of the overall grade |
| Further Mechanics | (1hr 30min exam) | 20% of the overall grade |
| Further Probability & Statistics | (1hr 30min exam) | 20% of the overall grade |

UNIVERSITY COURSES AND CAREER PATHS

Degree level Mathematics, Physics, Engineering, Computer Programming, Chemistry, Biology, Medicine, Economics, and Accounting

If you are planning to study mathematics further at university then it is strongly advised that you study A Level Further Mathematics.

GEOGRAPHY

AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

Students must have a GCSE grade 5 or equivalent in Geography and preferably a minimum of 4 further passes including Maths and English Language.

COURSE MODULES

There are 14 areas of study in the full A level syllabus over a two-year timescale.

For the AS syllabus in Year 1 study centers on the core aspects of physical and human Geography.

These include:

Hydrology, Atmosphere and Weather, Rocks and Weathering, Population, Migration and Settlement Dynamics.

For the A Level course in Year 2, additional topics covered are:

Tropical Environments, Coastal Environments, Hazardous Environments, Hot and Arid Environments, Production Location and Change, Environmental management, Global Interdependence and Economic Transition.

HOW YOU WILL BE ASSESSED

For the full A level there will be four 1 and a half hour examinations.

If the AS option is selected, 2 of these examinations will be at the end of Year 1.

UNIVERSITY COURSES AND CAREER PATHS

Following study of Geography at A Level, degree level studies can be pursued in Geography, Humanities, Environmental Sciences, Surveying, Bio Medical Sciences and more.

MATHS AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

Students must have a minimum GCSE grade of 7 or equivalent.

COURSE MODULES

The three areas of study focus on a number of different topics. These are summarised below:

Pure Mathematics

Quadratics, Functions, Co-ordinate Geometry, Circular Measure, Trigonometry, Series, Differentiation/Integration, Logarithms and Exponentials, Vectors and Complex numbers.

Mechanics

Velocity and Acceleration, Force and Motion, Friction, Momentum, Work and Energy.

Probability & Statistics

Representation of Data, Measures of Central Tendency and Variation, Probability, Binomial, Geometric and Normal Distributions.

HOW YOU WILL BE ASSESSED

The course is assessed through written exams at A level only. All of the exams will be taken at the end of the two year course.

There are four components to the assessments as detailed below:

| | | |
|---------------------------------------|------------------|------------------------------|
| Pure Mathematics 1 | (1hr 50min exam) | 30% of overall A level grade |
| Pure Mathematics 3 | (1hr 50min exam) | 30% of overall A level grade |
| Mechanics 1 | (1hr 15min exam) | 20% of overall A level grade |
| Probability & Statistics 1 | (1hr 15min exam) | 20% of overall A level grade |

UNIVERSITY COURSES AND CAREER PATHS

Degree level Mathematics, Physics, Engineering, Chemistry, Biology, Medicine, Economics, and Accounting.

*(Further maths is recommended as an additional A Level subject if you are interested in degree level study for the first three items).

If you are planning to study one or more of the science subjects at A Level then it is recommended that you study A Level Maths as well.

PHYSICS

AS AND A LEVEL

SPECIFIC ENTRY REQUIREMENTS

You will be expected to have achieved at least a Level 5 in Physics or Combined Science IGCSE/GCSE.

COURSE MODULES

AS Level Physics covers the following areas of study:

Kinematics, Dynamics, Forces, Density and pressure, Work, Energy and Power, Deformation of Solids, Waves, Superposition, Electric Fields, Current of Electricity, D.C. Circuits and Particle and Nuclear Physics.

A Level Physics covers the following areas of study:

Motion in a Circle, Gravitational Fields, Ideal Gases, Temperature, Thermal Properties of Materials, Oscillations, Communication, Capacitance, Electronics, Magnetic Fields, Electromagnetic Induction, Alternating Currents and Quantum Physics.

HOW YOU WILL BE ASSESSED

AS Physics is assessed by three external examinations.

| | |
|---|-----------------------------|
| Paper 1- Multiple Choice | 15.5% of the overall grade. |
| Paper 2 - AS Level Structured Questions | 23% of the overall grade. |
| Paper 3 - Advanced Practical Skills | 11.5% of the overall grade. |

A Level Physics is assessed by two more papers which are based on content from the whole two years.

| | |
|---|------------------------------|
| Paper 4 - A Level Structured Questions | 38.5 % of the overall grade. |
| Paper 5 - Planning, Analysis and Evaluation | 11.5% of the overall grade. |

UNIVERSITY COURSES AND CAREER PATHS

An A Level in Cambridge International Physics can take you any where in the world and is accepted as equivalent, grade for grade, to UK AS & A Levels by leading universities worldwide.

This means that with an A Level in Physics you can progress into fields such as construction and built environment, electrical engineering, mechanical engineering, applied science, computer science, engineering, information technology and more.

INTERNATIONAL PROJECT QUALIFICATION

At A Level, in addition to taking 3 full A-Levels, students will also complete the Cambridge International Project Qualification – the IPQ.

The IPQ is a project-based qualification in which students further develop research skills, independent learning and analysis to produce an in-depth report on a topic of their choice.

Students who take the IPQ are required to engage with their topic to greater levels of depth, enhancing their ability to analyse, evaluate and synthesise – all key, transferable skills that are admired by future employers and universities.

“This sort of deeper engagement will help develop students’ ability to be life-long learners.”

- Cambridge International

The IPQ has a designated time allocated each week to allow Tutors to offer guidance and support in a structured way. We have a large computer room for research and offer bespoke help on particular topics from our staff with certain expertise.



TRANSPORT OPTIONS

At St Bees, we are lucky enough to have excellent transport links quite literally on our doorstep.

Our brand-new minibus operates around the West Cumbria region, offering morning pick-up and evening drop off for students travelling to us by road.

St Bees train station, is a mere two-minute walk away from the school - it couldn't be more convenient. The train timetable fortuitously fits the school day perfectly, and connects St Bees to towns up and down the West Coast Mainline; from Barrow up to Carlisle and beyond.

Our minibus is also available for airport collections for all international students as they arrive or leave the UK from the nearest airport, which is Manchester.

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SIXTH FORM ENTRY REQUIREMENTS

Here at St Bees, Sixth Form is a place to excel and start the next stage of your educational journey. However, you need solid foundations to meet the demands of a successful future...

We ask for all students to have at least 5 IGCSEs/GCSEs at Grade 5 or above which should include English, Maths and the Sciences.

Each A Level subject has their own specific requirements, as previously outlined. In general, most subjects require a corresponding Grade 6 or above at IGCSE/GCSE.

THE APPLICATION PROCESS - WHAT HAPPENS NEXT?

1. FIRST STEPS

Email • Visit • Phone

2. INFORMAL INTERVIEW

Have a chat with our
Head of Sixth Form

3. GRADES AND REPORTS

Submit predicted grades and
past school reports

4. ACCEPTANCE INTERVIEW

Formally register your interest in
a place at St Bees School

5. FORMAL DECISION

Made by the school based
on the above.

#IAm... ready to exceed
my potential



WE ARE READY TO WELCOME YOU



1 Main Entrance and Foundation

2 Swimming Pool and Eton Fives

3 Sports Pitches

4 Science Block

5 Business Management Centre

6 School House

7 Sports Centre

8 Priory

9 Train Station

#IAm... a St Bees Student



香港區招生代理: www.lklhk.com

查詢: +852 35948515/ +852 35979373

Student Recruitment Agent-HK Region: education@lklhk.com

Enquiry: +852 61104813 (Whatsapp/Wechat)

LKL INTERNATIONAL CONSULTING COMPANY (HONG KONG) LIMITED

樂意仕國際移民升學顧問(香港)有限公司

Room 504,5/F, Kenbo Commercial Building, 335-339 Queen's Road West Hong Kong
香港皇后大道西 335-339 號崑保商業大廈 5 樓 504 室

St Bees School

Wood Lane

St Bees

Cumbria

CA27 0DS

A member of the **FULL CIRCLE EDUCATION GROUP**