



Introducing an outstanding Sixth Form

Shape your future with TB6



Tauheedul Boys





www.TB6.co.uk

Principal's Welcome



The question of where to continue your post 16 education is arguably one of the most important decisions you have had to make to date and getting it right is of paramount importance.

By focusing on faith, educational excellence, character development and community, TB6 aims to deliver a transformational experience from which young men emerge with a sense of outstanding aspiration and the highest expectation of themselves, whilst accepting the responsibility and duty to contribute to society's wellbeing.

At TB6, we endeavour to offer an experience of world class learning and teaching, which will stretch and prepare students to pursue the most competitive UK or overseas university or an internship with a major city company.

We are proud to be part of Star Academies, one of the highest performing multi-academy trusts.

Please take the time to browse our website (www.TB6.co.uk) for further information and if you share our beliefs and aspirations then I look forward to receiving an application from you for a place at TB6.

Majid Ditta
Principal

Why Study at TB6?

TB6 is the sixth form of Tauheedul Islam Boys' High School (TIBHS), an outstanding establishment and consistently placed amongst the highest performing schools nationally.

Building on the success of Tauheedul Islam Boys' High School, at TB6 we aim to offer:

- Outstanding teaching and learning provision delivered by experts who are passionate, inspirational, pioneering and highly skilled at what they do.
- Exceptional teachers and a proven track record of excellent GCSE results at KS4.
- An inclusive and distinctive Islamic sixth form. Our faith lies at the heart of all that we do and we welcome students from all faiths and none.
- A small, family feel and unique, modern campus. We have a strong feeling of a cohesive community so all our students can thrive within a happy, safe and supportive environment.
- A 'holistic' educational experience with a real focus on strategic thinking and determination through our super-curriculum.

Outstanding teaching and learning

Tauheedul Islam Boys' High School is a national teaching school selected by the Department for Education for its excellence in teaching.

High expectations for all

Tauheedul Islam Boys' High School has consistently performed in the top 1% of schools in the country for exam results since its first set of GCSE results.

Personalised learning pathways

Specialised progress mentors and teachers will ensure that your individual support needs are fully met. Supervised study sessions and one-to-one tutorials with teachers will be timetabled for individual support.

Personalised progression pathways

You will be supported to fulfil your career goals and aspirations, including intense support for students who aspire to apply for competitive courses such as medicine or dentistry, places at Oxbridge or with leading companies such as GCHQ, KPMG or BAE Systems.

Faith ethos

Character development will be a key focus during your journey at TB6 with a super-curriculum and rich enrichment programme. You will be equipped with skills, dispositions and habits of mind to be well-rounded leaders of tomorrow.

We consistently perform in the **top 1%** of schools in the country

Ofsted Outstanding in All Areas



// Students achieve outstandingly well. The proportion of students making better progress than expected from their individual starting points is exceptionally high.

The school prepares students exceptionally well for future success and life in a multicultural society.

Teachers expect the students to work hard and give of their very best.

Students say that they feel exceptionally safe in school. Behaviour in lessons and around the school is exemplary. Attendance levels are exceptionally high.

A wide range of activities ensures that students' spiritual, moral, social and cultural development is of the highest quality. **//**

Ofsted | Tauheedul Islam Boys' High School



How to Apply



1. Research

Visit us online at www.TB6.co.uk to find out more about our courses and register your interest for our open days.

2. Apply

Applications to TB6 open in November. You can apply online at www.TB6.co.uk. Simply click on the 'Apply Now' link.

3. Attend your interview

You will be notified of your interview appointment by letter, with interviews taking place in February. During the interview, we will ensure you have chosen the right course to suit your future aspirations. This is a great opportunity for you to ask any questions you may have about your programme of study.

4. Accept your place

If you are successful at interview, you will receive a conditional offer via email.

5. Enrol at TB6

You will receive an enrolment appointment letter during the summer term. Enrolment will take place from GCSE results day onwards.

6. Start at TB6

September is the start of the new academic year and your life as a TB6 student!

Our Mission

We promote a culture of educational excellence from within a caring and secure Islamic environment enriched with the values of discipline, mutual care and respect, which extends beyond the sixth form into the wider community.

Our mission consists of the following three key elements.

Educational Excellence

- A belief that everybody has the potential to succeed within a high quality and intellectually challenging educational environment.
- A commitment to instilling high aspirations, a desire to learn and ambition to achieve.
- A personalised approach to securing excellence, stemming from a passionate belief that each individual is unique and special and capable of rising above any perceived limitations.

Character Development

- A cohesive identity so that our students, their parents and communities feel a strong sense of belonging to the Star family.
- A passionate focus on a values-based education that instils honesty, integrity, compassion and mutual respect into all our pupils.
- A strong core of tenacity, self-respect and self-belief that inspires each pupil to become the best person they can be.

Service to Communities

- A determination to develop outstanding British citizens who are proud of, and contribute to, the social and economic prosperity of our country.
- A sense of personal accountability and of responsibility to others.
- A commitment to charitable endeavours and to making a difference to our world.

Our Values

Our STAR values are at the heart of everything we do.

Service

Being a responsible citizen in our community

Teamwork

Working together for excellence

Ambition

Aspiring to be our best

Respect

Treating others as we wish to be treated

Leadership Specialism

Leadership is a key component of our values.

We focus on three leadership virtues:

Civic

To know and serve your community by working together to help to solve social issues.

Performance

To be goal oriented, have high ambitions, be reflective and demonstrate resilience.

Moral

To champion equality through resolving conflict, being a role model and being accountable.

In the sixth form, you will work within our Star R-18 Leadership Framework to build your leadership skills and excel as a person, with regular evaluations of your progress. We strongly believe that the leaders of tomorrow must be nurtured through positive experiences today; that it is not enough simply to teach about good leadership, but that it must be experienced. Our Star R-18 Leadership Framework captures this commitment to nurture and develop the leadership potential of TB6 students via the identification of moral, performance and civic virtues linked to a competency matrix that encompasses the entire schooling experience, including Key Stage 5.

In placing leadership at the very heart of our organisation, we aspire to develop well-rounded, ethical and accomplished leaders of tomorrow. Student leaders who act from a strong self-concept. Individuals who are passionate, determined and tenacious; willing to courageously lead and to humbly serve others.

Leadership opportunities include:

- Nuffield Research placements
- LAMDA accredited public speaking and prose and verse programmes
- High-profile public speaking programme
- The Duke of Edinburgh's Silver and Gold Awards
- SSAT Leadership Accreditation Gold Award
- Clubs and societies, including an international charity trip
- National Citizenship Service programme
- Scouts Leaders' programme
- Mini MBA programme – a week's intense programme of engaging with diverse employers, while undertaking a research project to culminate in a full business report
- Working with industry partners to design and develop highly intellectual programmes eg. In4.0
- Partnership working with CyberFirst Partners

Routes to Success

As you progress through the sixth form, you will refine your aims and aspirations and be supported to make decisions and choices for your future.

You will engage in our leading Careers Education, Advice and Guidance programme, which has consistently achieved all Gatsby 8 benchmarks in recent years – placing it amongst the highest quality careers programmes nationally.

Through our bespoke UCAS programme, you will receive support to complete application forms and visit multiple Russell Group and Ivy League universities. Our UCAS programme includes:

- Ten national university visits organised each academic year, including with Oxbridge, Russell Group and Ivy League universities
- Workshops for UCAS statements and interview preparation
- Masterclasses with Oxbridge, Russell Group and Ivy League universities
- UCAT, LNAT and Oxbridge admission exams preparation
- Emerging Talent programmes for Medicine and Dentistry

A range of guest speakers will visit TB6 and deliver Leadership Lectures throughout the year to deliver diverse talks on university choices, progression pathways, labour market insight and apprenticeships.



TB6 Advantage



TB6 offers a new level of independence and a different relationship with teachers. Our TB6 students wear business suits and plan for a working day that fits in with a new type of learning.

At TB6, we are committed to providing the best learning experience for our students and preparing you for the wider world outside of school.

As a Microsoft Showcase School, we strongly believe that our students should have access to the best technology possible. You will receive a state-of-the-art digital device which you can use for your learning at TB6 and at home.

Having your own learning device will help you with seamless access to lesson resources, which are designed to make the most of technology. Being competent with technology is becoming increasingly important in the wider world and we will ensure students are as prepared as possible for a digital society.

Faith and Character Education

Faith and Character Education (FCE) at TB6 is defined as a culture that contributes to, adheres to and promotes the teachings of the Islamic faith and in particular its emphasis on self-discipline, compassion, mutual respect for all people regardless of difference and respect for the earth itself.

TB6 believes that its FCE is at the core of everything it does, and it will have the greatest impact on achievement and on the sustained success of the school and its learners. Such is the importance of our FCE provision, it permeates all aspects of school life. The FCE provision has four strands: Community, Creativity, Curriculum and Character. Our faith lies at the heart of all that we do.

Our faith and character education includes:

- Charity events in aid of Macmillan Cancer Support, Tauheedul Islam Boys' High School Foodbank, Age UK, NightSafe, NHS, Comic Relief, Star Ramadhan drive, Sport Relief, Uniformity and others
- Sunnah health – a health and wellbeing package based on the prophetic lifestyle
- Retreats – opportunities to take a reflective break from the daily challenges of sixth form life
- International experiences – trips to global areas of faith-based interest and in-person delivery of aid packages to developing countries
- Tutor activities including Hadith (Thought) of the Week, Surah Kahf, Surah Yaseen, Surah Fatiha and a full recital of the Qur'an on Fridays
- Weekly Progression Maps – pupils set personal and spiritual goals on a weekly basis
- Sunnah Fast Programme – Monday and Thursday fasts during the winter months

- Giving back to TB6 and the main school through offering academic tutoring to other students in EBACC subjects
- Keynote Assemblies – special assemblies with high-profile external guests focusing on leadership, ambition, character and spiritual development
- Star Diploma – for academic excellence, character development and service to communities
- Tarbiyyah Mentoring – for times when you may be challenged with an unforeseen adversity. If a student is going through bereavement, family difficulties or crisis of faith issues, there are trained mentors available to support in a confidential manner

The 'three I's' are fundamental to our school. The key characteristics which our students strive to perfect and improve each day are:

1. Ikhlas (Sincerity)
2. Ihsan (Going the Extra Mile)
3. Itqan (Striving for Excellence)

You will be challenged to continuously improve in these areas and guided to be mindful of your adherence to them.

Preparation for Elite Universities

At TB6, we endeavour to balance the rigour of carefully crafted examination preparation with the development of research skills and the ability to debate, communicate confidently, solve problems and think both critically and creatively. These skills have inherent, lifelong value and universities often favour candidates who can demonstrate these attributes.

TB6 Excellence

The TB6 Excellence programme encapsulates all those activities that foster academic endeavour beyond the measurable outcomes of examination results. It includes (but is not limited to):

- Wide and habitual reading
- Extended project work
- Debate
- Public speaking
- Research
- Competitions
- Lectures
- Study trips
- Our electives programme
 - ‘off-piste’ courses that capitalise on our students’ academic passions and include university-style seminars

Codes and Etiquettes

This programme teaches students the social and corporate codes that exist in some elite professions, without which entry to and success in can be limited. The programme acts as a code-breaker for etiquettes and adds polish.

Our Codes and Etiquettes Programme includes:

- Walking the Walk – codes for personal image and behaviour in professional settings
- Talking the Talk – codes for speech clarity, conversational grammar and better voice quality
- Table Manners – codes and passwords for table manners and social etiquette, at home, in offices, and in restaurants
- Debating society and public speaking competitions
- Mindset and healthy habits workshop
- Feeder college for apprenticeships at prestigious organisations
- High-profile sector-specific external speakers programme
- Professional mentoring programme from sector experts
- Individual, bespoke progression support to pursue leading employment and degree choices
- National and international work experience programme
- Plethora of international trips and visits to enrich lives and broaden mindsets

TB6 Sports Academy

Sports will be an integral part of the TB6 extra-curricular offer. A programme designed to encourage a rich and diverse experience for our students.



Whilst many students enjoy playing sports, the process of engaging in sport at TB6 also embodies many qualities promoted by the sixth form. Learning to win and lose; to lead and be led; to push oneself to, and perhaps beyond, one's perceived limits; to think as part of a team; to know when to strive for more and when to acknowledge defeat – these qualities will help students to succeed in their lives and careers.

At TB6 we offer state-of-the-art facilities including:

- A large indoor sports hall including badminton and basketball courts
- Access to a fully-equipped, modern gym
- Fully furnished outdoor cricket nets
- An outdoor multi-use games area, including a football pitch
- Swimming facilities in conjunction with Blackburn Sports and Leisure Centre
- Full use of the facilities at Blackburn Youth Zone

Organised sports clubs will be offered during the academic year including:

- Rugby with professional, fully-qualified coaches
- Cricket with opportunities to play in league games

As a member of the sports academy, you will:

- Develop your coordination and concentration skills
- Raise your performance levels
- Improve your effectiveness in your academic studies

How We Support You

As well as supporting your academic development, we aim to deliver the best pastoral care possible.

- Year 12 and Year 13 will have its own Head of Year who is responsible for ensuring the welfare of students and who works closely with parents and guardians to provide a coherent support structure for each young person with a face-to-face conversation and online portal.
- A full programme of activities will be delivered during morning registration time for personal and pastoral development
- We have an assembly programme – with frequent high-profile guest speakers
- We have a range of activities to develop our students as leaders, which includes:
 - Key roles and opportunities, such as Headboy Shura (Council) Representative, Librarian, Journalist, Prefects and Ambassadors for the school
 - Representing the school in competitions, such as the English Speaking Union's Mace Debate
 - Participating in programmes such as The Duke of Edinburgh's Gold Award



Private Study and 1:1 Teaching

A purposeful, orderly and productive environment for learning will be available exclusively to TB6 students in our Private Study Space. Students will be able to visit at any time during free periods.

The TB6 Private Study Space will be supervised at all times and students will be timetabled to attend upon recommendations from subject teachers.

Selected learners will be targeted to receive subject-specific 1:1 support for 30 minutes each week from subject specialists to ensure each learner is on track to achieve minimum academic targets.

The private study sessions will be timetabled to support you in managing your workload. Good habits will be cultivated from the very beginning of your studies at TB6; every minute will be precious and you will be guided through best study habits to ensure success.





Learning and Teaching

Our pursuit of academic excellence is based on a simple premise; that, upon graduating from TB6, every student fulfils their potential and is supported to secure the best possible academic results.

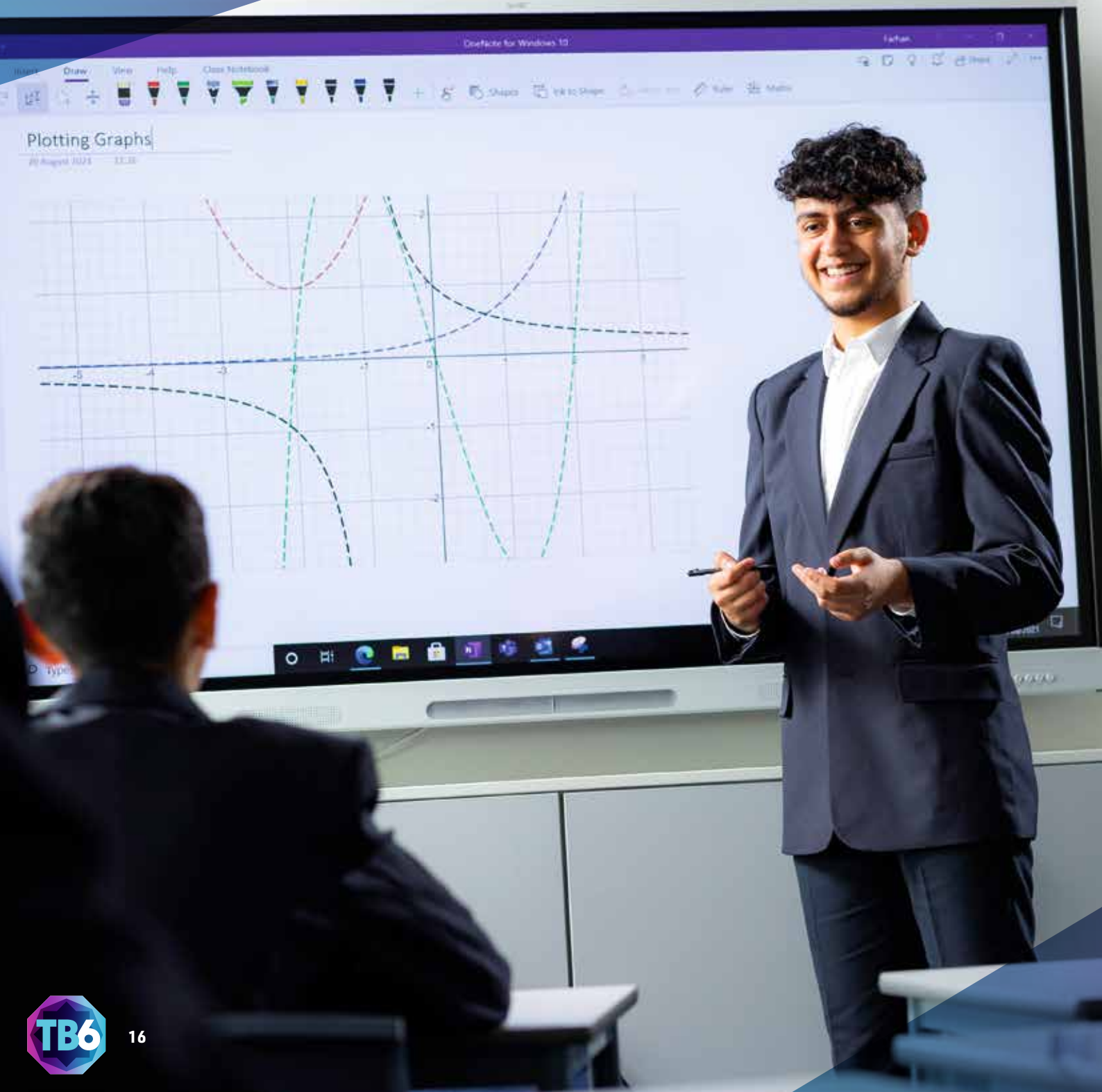
This process involves a great deal of hard work from all involved – the school and its teachers, parents and guardians, and, most importantly, the students themselves.

What underpins excellence at TIBHS is what happens in the classroom, the way we teach, how we assess and how we promote a culture of achievement in the school.

As a narration of the Prophet Muhammad [pbuh] teaches us, 'People are like treasures – just like treasures of gold and silver.' As we are aware, gold and silver do not simply come out of the ground ready to be made into jewellery. Much effort is spent locating the gold, extracting it from the ground, and then craftsmen labour for hours on end to turn these materials into things of beauty.

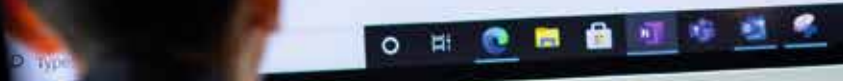
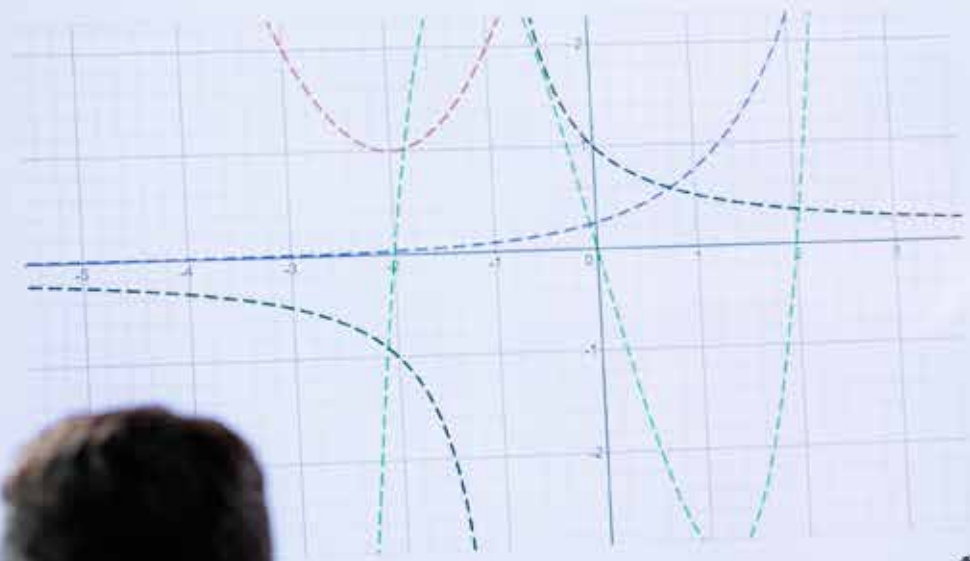
Lesson planning is combined with effective deployment of teaching skills and judicious interventions so that students acquire knowledge, develop understanding and learn and practise skills exceptionally well and are able to apply what they have learned with increasing independence.





Plotting Graphs

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Achieving Excellence

TIBHS has consistently been ranked in the top 1% of schools nationally in the Government league tables for the progress that students make.

These results demonstrate the real determination of our staff and governors to create a school where no stone is left unturned in the pursuit of excellence. After completing their GCSEs in Year 11, all of our students go on to Further Education or training (100% in 2019 and 2020).

Our exam results – shown in the table below – consistently place TIBHS amongst the highest performing state schools in the country.

Measure	2022 Nat. Avg	TIBHS GCSE Results					
		2018	2019	2020 (CAGs)	2021 (CAGs)	2022	2023
% 9-5 in English & Maths	50%	77%	66%	81%	87%	84%	84%
% 9-4 in English & Maths	71%	90%	83%	88%	93%	89%	93%
Progress 8	-0.03	1.35	0.77	1.36	2.08	0.57	1.51
Attainment 8	48.7	62.1	55.6	61.1	68.1	54.6	61.96
E Bacc Ave Grade	4.27	N/A	5.03	5.79	6.42	4.8	5.53

All percentage figures above have been rounded to the nearest whole number

* The English Baccalaureate (E Bacc) is a performance measure for students who achieve good GCSE or accredited certificate passes in English, Mathematics, History or Geography, two Sciences and a language

Sixth Form Curriculum Offer

Our curriculum offers core and facilitating STEM-related subjects that will enable students to progress to leading universities and employers.

Our sixth form is traditional and academic. We only offer 'Level 3' A level provision with limited BTEC qualifications. You will complete a two-year linear course in all subjects culminating in A level qualifications.

In order to join us you will need to achieve excellent GCSE results, attaining at least five GCSEs at grades 9-6, including minimum grade 5 in GCSE English Language or Literature and GCSE Mathematics to pursue A levels. BTEC vocational courses require a grade 5 or above in specified courses, as well as a grade 4 in GCSE English Language or Literature and Mathematics.

A levels

- Biology
- Chemistry
- Computer Science
- Economics
- Mathematics
- Physics
- Psychology
- Sociology

Vocational qualifications

- BTEC Applied Science

*All qualifications will be delivered according to viability of student numbers.



Entry Requirement Criteria

A level subject	GCSE grades
Computer Science	8-9 in Computer Science or 7-9 in Mathematics
Economics	7-9 in Mathematics and 7-9 in English Language
Mathematics	8-9 in Mathematics
Psychology	6-9 in English Language and 6-9 in Mathematics/Science
Sociology	6-9 in Geography or Religious Studies

A level subject	Double Science GCSE	Biology GCSE	Chemistry GCSE	Physics GCSE
Biology	77	7-9	6-9	6-9
Chemistry	77	6-9	7-9	6-9
Physics	77	6-9	6-9	7-9

Vocational subject	Double Science GCSE	Biology GCSE	Chemistry GCSE	Physics GCSE	English GCSE	Maths GCSE
BTEC Applied Science	55	5-9	5-9	5-9	4-9	4-9





Why study A level Biology?

Studying A level Biology will give you an insight into how the living world around you works. The study of Biology ranges from learning about the vital molecules which are the building blocks of life, to the structures and functions of cells, tissues and organs and what happens when they go wrong. The curriculum spans all the way to learning about the positive and negative interactions between organisms and the study of ecosystems.

Alongside in-depth knowledge of the biological world, biologists also develop skills and understanding of scientific methods, data analysis, observation, correlations and causal relationships.

What will you study?

This course involves development of practical skills, foundations in biology, exchange and transport, biodiversity, evolution and disease, communications, homeostasis and energy, genetics and ecosystems. Additional topics may include molecules, cells, organisms and their environment, energy transfers, genetics, populations and evolution.

A level Biology involves the study of all the traditional areas of Biology as well as an examination of technological advances in areas such as DNA technologies, fingerprinting, genetic engineering and gene therapy.

The fundamental ideas in Biology will be covered including how the body defends itself against disease, cellular operations and the creation and roles of important biological molecules such as carbohydrates, proteins, lipids and DNA.

How will you be assessed?

To complete the AS course, you will complete two examinations at the end of the first year. To complete the A level course, you will complete three examinations at the end of the second year. You will also complete up to 12 formal practical assessments during the course. These will be assessed separately and will be reported alongside your A level grade but will not count towards it.

Career pathways include:

Agriculture
Optometry
Dentistry
Medicine
Surgeon
Biochemist
Pharmaceutical Representative
Medical and Health Services Manager
Financial Analyst
Physician

Chemistry

Why study A level Chemistry?

A level Chemistry builds on your GCSE knowledge and explores concepts in greater depth. It attempts to answer the big question 'what is the world made of?'. It is the search for this answer that makes Chemistry so fascinating. From researching a new wonder drug to save millions of lives, a new lighter and cheaper battery or a carbon dioxide capture material to slow global warming, there are many different paths that the study of Chemistry can lead you down.

What will you study?

Topics fall into three main categories: physical Chemistry, inorganic Chemistry and organic Chemistry. Specific areas of study may include aspects such as atomic structure, energetics, kinetics, oxidation, alkanes and alkenes, thermodynamics, polymers and amino acids, proteins and DNA.

As it is a science subject, the process of learning Chemistry will help you to learn how to be objective, analytical and methodical, and in turn to process and solve problems. You can apply these skills outside academia, and the study of Chemistry can help understand current events, such as fossil fuels, environmental issues, health, product scares and more.

How will you be assessed?

To complete the AS course, you will complete two examinations at the end of the first year. To complete the A level course, you will complete three examinations at the end of the second year. You will also complete up to 12 formal practical assessments during the course. These will be assessed separately and will be reported alongside your A level grade but will not count towards it.

Career pathways include:

Medicine
Dentistry
Chemical Engineering
Pharmacy
Higher Education Lecturer
Pharmaceuticals
Software Design
Analytical Chemist
Research Scientist (Physical Sciences)



Computer Science

Why study A level Computer Science?

The course structure allows every student to build a strong foundation in programming whilst also providing an awareness of the management and organisation of computer systems. The Python programming language taught will further develop the skill set developed by a number of our learners at GCSE, but also gives students new to programming the essential skills to progress to University and employment. The course will provide students with further opportunities to develop their skills in a range of other programming languages including Java and C#.

What will you study?

With the emphasis on Computer Science, students will learn to become effective designers and implement computing solutions. You will develop practical skills, including design, development, testing, and evaluation.

How will you be assessed?

Assessment takes place at the end of Year 2 via two exams and a coursework project. Progress is measured regularly using a range of informal assessment techniques:

- Component 1: Programming and System Development 40%
- Component 2: Computer Architecture, Data, Communication and Applications 40%
- Component 3: Programmed Solution to a problem 20%

Career pathways include:

App Developer
Game Designer
CAD Technician
Security Analyst
Software Developer
Software Analyst

Economics

Why study A level Economics?

Economics is the study of the production and consumption of goods and the transfer of wealth to produce and obtain those goods. Economics explains how people interact within markets to get what they want or accomplish certain goals.

Since economics is a driving force of human interaction, studying it often reveals why people and governments behave in particular ways. Economics offers a unique insight into how the world works and helps you to understand many of the big questions facing people today, such as how badly will the UK be impacted by an extended period of low global growth? What can we do about global warming, and should patients be charged for hospital treatment?

What will you study?

To complete the A level, the specification is split into two main sections. The first section introduces students to microeconomic issues and the second section covers mainly macroeconomic issues.

Microeconomics includes looking at demand and supply, perfect competition, monopoly, the operation of the price mechanism and the causes of market failure. Macroeconomics will include national and international economy. You will look at the objectives of government economic policy, macroeconomic indicators, uses of index numbers and uses of national income data.

How will you be assessed?

In the first year, students take two papers. Paper 1 covers the operation of markets and market failure. Paper 2 covers the national economy in a global context.

To complete the A level course, you will complete three papers of equal weighting. In Paper 1, students will be questioned on markets and market failure. In Paper 2, students will be tested on national and international economy and in Paper 3 students will be tested on economic principles and issues.

Career pathways include:

Economic Research Analyst
Financial and Investment Analyst
Sales and Marketing Manager
Personal Financial Adviser
Environmental Economist
Chartered Accountant
Business Journalist
Stockbroker
Academic Economist
External Auditor



Mathematics

Why study A level Mathematics?

Mathematics is a subject of logic and problem-solving that involves the study of algebra, statistics and pure mathematics. Mathematics is about studying and investigating pattern and structure. If you enjoy the challenge and the clarity that solving mathematical problems brings then A level Mathematics is for you.

As a mathematician, your ability to think in a clear and logical way will be highly sought after by universities and employers alike. Recent research suggests that people with A level Mathematics can earn 10% more than colleagues with similar qualifications. The problem-solving nature of A level Mathematics makes it a much sought-after entry qualification for a wide variety of university courses and careers.

What will you study?

The core of the subject is Pure Mathematics with a focus on algebra, graphs and trigonometry. A level Mathematics extends students to form the basic 'tool kit' on which all mathematics is based. Calculus, the mathematics of growth and change, on which so many applications depend, is also developed. You will also study two areas of Applied Mathematics: Mechanics and Statistics. Mechanics is the study of forces and the movement of objects and has many applications in the sciences, particularly Physics and engineering. Statistics is the mathematics of data or information processing and extends many ideas including averages, standard deviation, and probability.

How will you be assessed?

To complete the two-year A level course, you will complete three examinations at the end of the second year. Each paper will have equal weighting and will cover topics from Pure Mathematics, Statistics and Mechanics.

Career pathways include:

Data Scientist

Actuary

Statistician

Games Designer

Education

Engineering

Business and Finance

Banking

Scientific careers, such as

Medicine Accountancy

Physics

Why Study A level Physics?

Physics is an extremely challenging and stimulating subject. Physics is both the everyday and extraordinary, from explaining why the sky is blue, to understanding quantum theory and Einstein's relativity. Physics challenges our imaginations with concepts like string theory and leads to great discoveries, like computers and lasers, that lead to technologies which change our lives—from healing joints, to curing cancer, to developing sustainable energy solutions.

It combines practical investigations and experiments with theoretical ideas, giving you the skills to logically analyse and solve problems; skills that can be applied to any scientific or mathematical challenge. Physics covers the very small: atoms and electrons, to the very large: stars and galaxies. In Physics, fundamental questions are probed – how did it all begin and how will it all end?

What will you study?

In year 1, the specification is introduced with "Measurements and their errors"; aimed to introduce important conventions and ideas that permeate the fabric of Physics. "Particles and Radiation" introduces students both to the fundamental properties of matter and to electromagnetic radiation and quantum phenomena. The "Waves" module extends studies of wave phenomena through a development of knowledge of the characteristics, properties and applications of travelling waves and stationary waves. In the "Mechanics and Materials" module, vectors and their treatment are introduced followed by understanding of forces, energy and momentum. "Electricity" provides opportunities for the development of practical skills and lays the groundwork for electrical applications that are important to society.

In Year 2, modules may include, further mechanics and thermal Physics, fields and their consequences plus nuclear Physics studying the Physics that underpins nuclear energy production and also of the impact that it can have on society.



How will you be assessed?

To complete the one year AS course, you will complete two examinations at the end of the year: Breadth in Physics and depth in Physics. Each paper is equally weighted at 50% and will assess content from all modules.

To complete the two year A level course, you will complete three examinations at the end of the second year. Paper 1 Periodic Motion worth 34% of the A level, Paper 2 Thermal Physics worth 34% of the A level and Paper 3 Practical skills and data analysis worth 32% of the A level.

Career pathways include:

Engineering
Physical Sciences
Astrophysics
Cosmology
Aeronautical
Motorsport or Acoustic Engineering
Medical Physics
Architecture
Pilot studies
Computing

Psychology

Why study A level Psychology?

Psychology is the study of human behaviour. It applies the principles of both science and humanities in trying to explain why people why people behave in certain ways. Studying Psychology involves understanding research and the explanations that have been developed from it. Examples of behaviour that will be studied will include: obedience, prejudice, memory, phobias and aggression. In Y13 students will also look at Clinical Psychology and Child Development as well as wider issues in Psychology.

How will you be assessed?

The Psychology course is examined by a mixture of question styles including short and extended questions and stimulus data response. The two-year the course is assessed by 3, 2-hour examinations. Paper 1 (Foundations in Psychology), Paper 2 (Applications in Psychology) and Paper 3 (Psychological Skills).

A qualification in Psychology is particularly useful for jobs involving the leadership of others or the shaping of others' behaviour e.g. counselling, psychiatry, child therapy, teaching, policing, forensic science, prison service, human resources, advertising, journalism and tech.

Career pathways include:

Clinical Psychologist
Educational Psychologist
Medicine
Academic Researcher
Forensic Psychologist

Sociology

Why study A level Sociology?

Sociology is the study of Society, the 'social world': you will study the way people are affected by society, and how society is affected by people. Sociology looks beyond the day-to-day and asks questions like "what is the real nature of Society, why does it function like it does and for whose benefit?"

What will you study?

In Sociology, we will ask you to understand and apply key concepts such as power, gender, ethnicity and class to analyse the most important institutions, which shape the world we live in. At AS Level, you will study education and the family, address questions such as, "why do girls do better than boys at GCSE?" and, "what is the impact of an increasingly ageing population?"

You will also consider crime and the one institution that appears to influence every aspect of our lives – the mass media. In both your first and second year, you will consider the usefulness of the different research methods used by Sociologists.

How will you be assessed?

The AS course is assessed by two written examinations at the end of the first year.

Paper 1: Education with Methods in Context.

Paper 2: Research Methods and Topics in Sociology (Families and Households).

Each Paper is a 1 hour 30 minutes written exam worth 60 marks and 50% of the AS qualification.

The A level course is assessed by three written examinations at the end of the second year.

Paper 1 will cover: Education with Theory and Methods.

Paper 2 will cover: Topics in Sociology (Mass Media and Families).

Paper 3 will cover: Crime and Deviance with Theory and Methods.

Each Paper is a 2-hour written exam worth 80 marks each and a third of the full A level.

Career pathways include:

Politics Social Work

Journalism

Public Research

Teaching

Law

BTEC Applied Science

Why study BTEC Applied Science?

Applied Science is an excellent choice of subject if you enjoy science, particularly the practical side of the subject. It allows you to develop your understanding in all three sciences; Biology, Chemistry and Physics and to develop the skills to solve real life, scientific problems.

Throughout the course, you will learn how to collect data, how to evaluate it and how to draw conclusions – skills that will help you, not just in higher education and employment, but throughout life. Throughout the course you will have the opportunity to perform a variety of experimental work and will also learn how to work safely within a laboratory environment and to use Maths and statistics to analyse experimental data.

What will you study?

The BTEC Level 3 National Extended Diploma in Applied Science involves the study of the practical applications of Science and incorporates the study of all three Sciences – Chemistry, Biology and Physics – in thirteen units.

- Principles and applications of science: you will study topics ranging from cells, atomic structure and bonding to waves and communications.
- Practical scientific procedures and techniques: you will study practical techniques ranging from titrations, colorimetry, calorimetry and chromatography.
- Science investigation skills: you will develop your scientific skills including recording and interpreting data and analysing and evaluating scientific findings.
- Applied science: a unit in which you further develop your theory and practical skills.

How will you be assessed?

Over two years, you will study 13 units of which nine are internally assessed and four are externally assessed. Students will complete two external units in the first year of study and two in the second year of study. Maintain performance in all thirteen (internal and external) are used to determine the final grade.

The course is assessed through the completion of seven mandatory units plus six optional units which in total is equivalent to three A levels.

Career pathways include:

Pharmacy
Radiography
Audiology
Education
Forensics
Occupational Therapy
Biochemistry
Physiology
Electrical Engineering
Paramedic





TB6 Application Process

Stage 1: November

Attend the TB6 open evening to find out more about life at our sixth form. Please visit www.TB6.co.uk for detailed information. The evening is an excellent opportunity for you to get a feel for the TB6 community and meet prospective students and staff.

Stage 2: December

After the Open Evening, our online application process will go live on the TB6 website. You will select a minimum of three A levels to study, or one vocational course. Offers are then based on the predicted grades provided by your school.

Stage 3: February

You will be given an interview appointment by letter, which will take place in February. At the interview, we will discuss your subject choices to make sure you have chosen the subjects that will help you achieve your career aspirations. This is a great opportunity for you to ask any questions you may have about your programme of study.

Stage 4: Late February

We will write to all applicants to explain whether you have been offered a conditional place for September.

We look forward to helping you shape your future at TB6.

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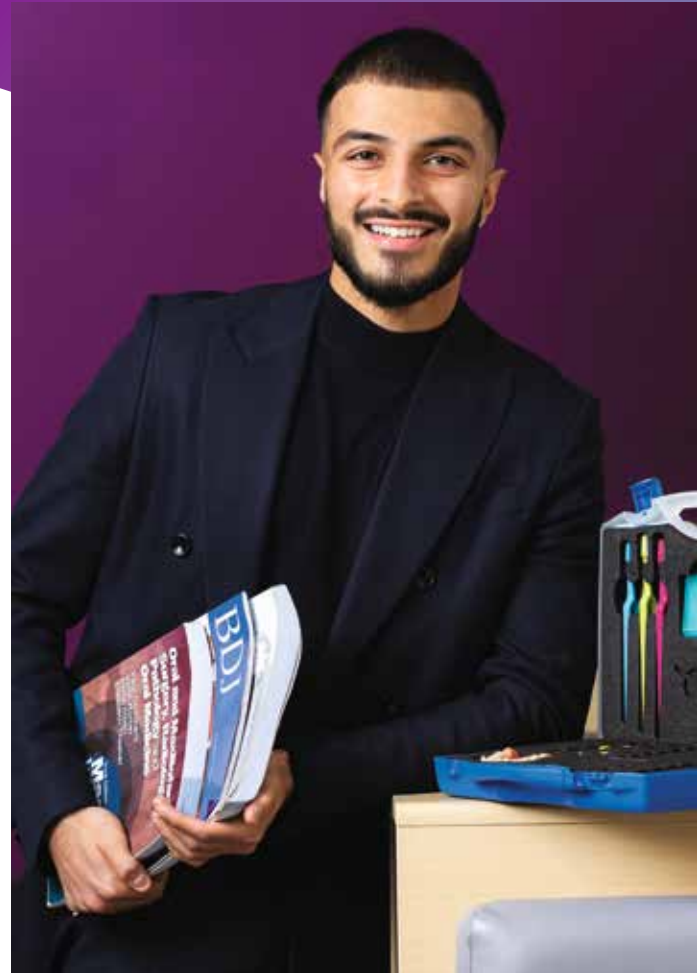
It is a dream come true...

I began my Tauheedul journey at the age of 11 with the simple notion of wanting to do my best, but all praise to God, the soaring heights I was able reach, made me realise that you can truly reap the rewards of your labour!

I had an emotional childhood, which I'll keep brief, but I was orphaned overnight with my parents tragically passing away in a house fire. As a child it can be quite easy to lose sight of the future and fear the prospect of standing alone. While I could have despaired and continued to be a victim of my circumstance, I chose to make something of myself which will benefit our community.

Tauheedul was a perfect fit for me as I received a plethora of opportunities, ranging from being elected as Head boy, representing the school in Belgium for the WWI centenary programme and partaking in numerous debating competitions in which I was able to foster the STAR values. For 4 years, I was able to champion a 'Food for all initiative' for struggling local families. And being able to witness the subsequent joy, brought from a willingness to empathise, was truly rewarding. Furthermore, I encouraged my peers to offer service, have ambition, work together to be stronger as one body and respect all those around us and the environment.

However, in life there are highs and lows, and when I did not gain entry into dental school on my first attempt, initially I was disheartened, but I decided to take a gap year, with hopes to improve my application and reapply. A testament to my connection with my former high school was highlighted, when I returned during my gap year, to assist students in the SEN department.



Muhammad Mohammed - TIBHS Alumnus

It was with the school's support, that ultimately my university application was successful, and I was able to gain entry to study Dentistry at the University of Leeds, where I am currently enjoying my fourth year of undergraduate studies.

It is a dream come true and I am honoured to be able to share with you that it was this school and my teachers who helped me to achieve my potential.

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Sumner Street,
Blackburn,
Lancashire BB2 2LD

T: 01254 918670
E: info@TB6.co.uk
www.TB6.co.uk



Part of Star