



TAKING LEARNING TO  
A WHOLE NEW LEVEL

The background of the image is a cosmic scene. The upper right corner shows a dark blue sky filled with numerous small, bright white stars. The rest of the image is dominated by a large, dark red nebula with intricate, swirling patterns of lighter red and orange, suggesting a star-forming region or a distant galaxy. The overall tone is dramatic and celestial.

FROM  
WORKSTATION...



# ...TO SPACE STATION

Taking learning to a whole new level  
[www.ikbacademy.org.uk](http://www.ikbacademy.org.uk)

- Science & Medicine
- Technology
- Engineering
- Maths
- Architecture & the Built Environment



# WELCOME

IKB is an ambitious and successful sixth form. Students are encouraged and supported to achieve and to enjoy learning in a safe and caring environment.

We keep our sixth form small deliberately so that students get the individual attention they need to succeed and are never lost in the mass of a big institution.

At IKB, professional relationships can really make a difference, to nurture as well as challenge.

We value the contributions of all students and seek to create an atmosphere of trust and positivity that we can all enjoy and where we can achieve great things together.

- Our vision for IKB is a sixth form where the foundations of:

Exceptional teaching and guidance, excellent facilities and an inspiring and motivating curriculum

- Develop within students a:

Love of Science, Technology, Engineering and Maths, a love of learning, respect, kindness and a sense of responsibility

- Resulting in:

Resilient and confident young adults with exceptional qualifications, unrivalled experiences and skills



We are a school with a clear focus on the Science, Technology, Engineering and Maths (STEM) subjects, but we value all areas of learning and our wide curriculum also includes other subjects such as the humanities, languages and the arts. Our unrelenting drive for high standards is reflected in our strong examination results that see our students applying for Russell Group and Oxbridge universities or degree apprenticeships. We attribute this success to our focus on the quality of teaching, by highly talented and dedicated subject specialists and our strong relationships with students.

As an IKB sixth form student you are entitled to a high quality work placement during year 12 and at IKB time is allocated in your timetable for this so you will not miss any lessons. We understand the importance of developing skills and offering high quality experiences alongside excellent qualifications. It is from our extensive

discussions with universities that we know relevant work placements can result in better UCAS offers for our students.

Our curriculum pathways include access to a full programme of high quality A level and Level 3 vocational and applied qualifications. Individual courses of study can be tailored by drawing upon these qualifications to suit individual needs and aspirations.

I look forward to welcoming you to IKB.

Principal, IKB Academy

# WHAT DOES IKB OFFER?

We recognise that sixth form students need more than a “one size fits all” education to compete and succeed in today’s world. We combine expert staff, outstanding facilities, industry connections and student support to drive innovation in education.

In doing so we offer students more and in turn students from IKB offer the national and global economy more. On graduating from IKB students have gained the high quality qualifications, skills and experiences that mean they are highly sought after for the most competitive places at university, higher and degree apprenticeships and jobs in sectors that currently show local and national skills shortages.

We also recognise that the transition from Year 11 to sixth form is the most challenging a student will face. At IKB a full programme of study skills and training is provided to all students in the first term. Much more than the one day or at best one week induction given in other colleges or sixth forms. Our programme sets students up for successful life long learning.

As part of the Wellsway Multi Academy Trust and having our campus located on the Wellsway site means we can offer students a full range of A level and BTEC qualifications.



# AS AN IKB SIXTH FORM STUDENT YOU GET...

**Fantastic qualifications**, taught by passionate teachers in excellent facilities

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**Full study programmes** designed to fulfil your future aspirations

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**Independent learning experiences** with support and skills delivered through IKB mindset programme

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The **opportunity to experience specialist work placements** that will support your applications into competitive degree courses and apprenticeships

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**Membership of a small tutor group**; weekly meeting with tutor for individual support and guidance

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**To be part of a small unique sixth form** where you are known, understood and encouraged to excel

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**Recognised as young adults** and given the freedom to manage your own free time, wear your own clothes, build mature relationships with teachers and adults within the school

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Students are ready academically for  
the right next steps in education,  
employment and training

OFSTED 2018

# WHY IKB?

“The staff are truly committed to delivering the best education possible and are always on hand to help”

Curtis, Year 12

## A high level STEM career: **mechanical engineer**

- Mechanical engineers undertake research, design, manufacture and management/maintenance of mechanical systems, including engines, machinery and vehicles
- They develop solutions to practical problems to an agreed cost
- Median pay for this job is £40K (UK median £22K)
- It is one of the worst affected jobs in terms of skills shortage
  - At IKB study A level Maths, A level Physics and Further Maths or Core Maths and double Engineering to enter this profession

## Scientific knowledge is our speciality

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20% of people in the UK workforce need scientific knowledge and training to do their current jobs – Royal Society

## National shortage

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Engineering companies are projected to need 265,000 people each year with Engineering skills each year until 2024

## Year 12 parent feedback

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“Thank you for investing in my son in the last year and for doing everything you could to support him. I am very grateful and have been really impressed by the staff’s commitment...”



## More women needed in STEM careers

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Still only 22% of the STEM workforce are women – the nation needs more women working in STEM careers

## Earn more with a STEM qualification

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Those with STEM A levels earn 8.5% more than similarly qualified workers without STEM A levels (Institute for Fiscal Studies)

## Student destinations

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The majority of our students successfully secure places at their first choice university or apprenticeship



“I was attracted by the level of passion shown by the teachers”

Hugo, Year 12

“IKB is important to me to allow me to go to my dream university”

Bridie, Year 12

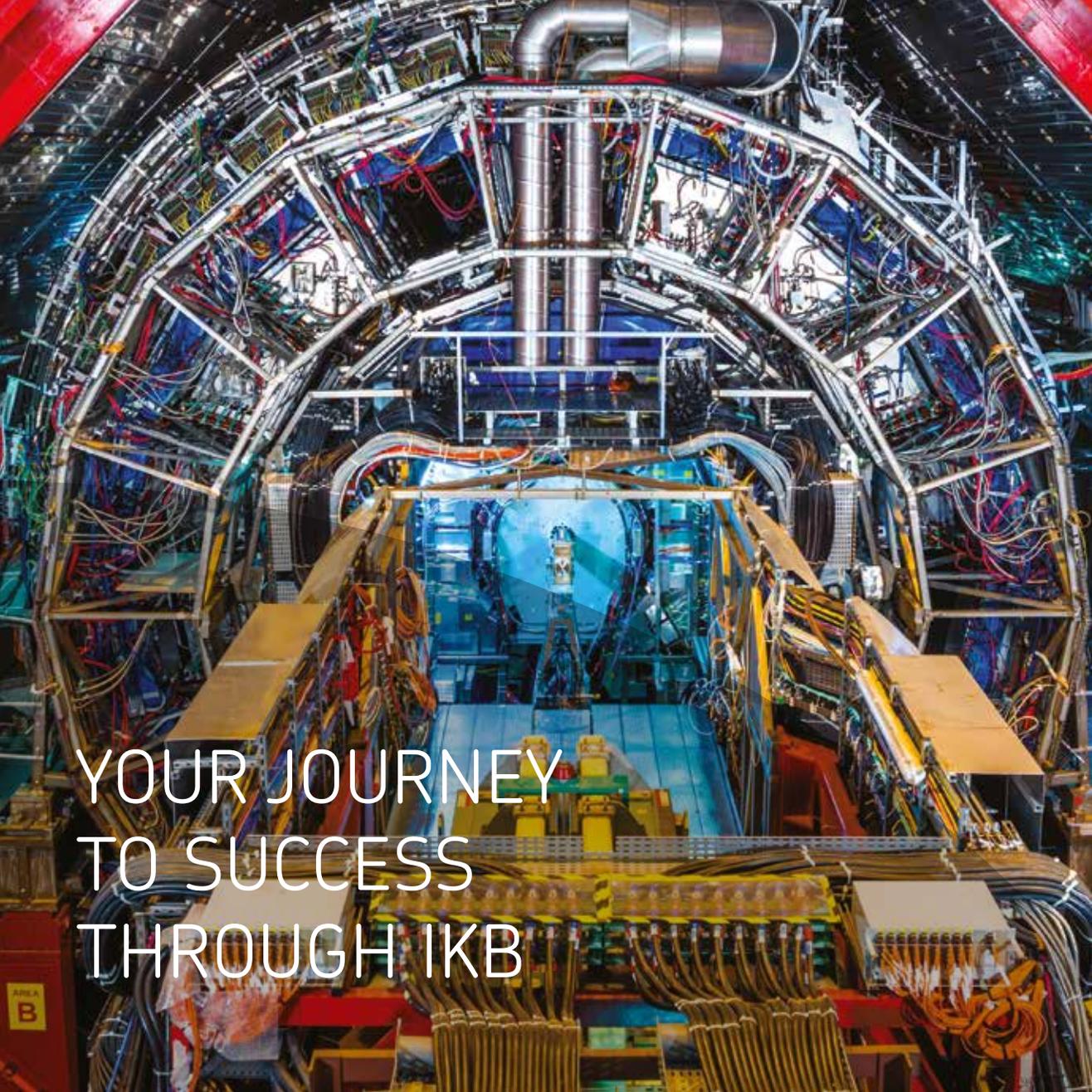
## There are an increasing number of STEM apprenticeships

- 78,480 people started engineering apprenticeships in 2015-16
- New STEM roles are expected to double in the next ten years, with the biggest growth area in higher and degree apprenticeships

“IKB enables me to become part of a smaller community which will help in more targeted learning”

Adam, Year 12

Keep all your doors open and study STEM subjects



YOUR JOURNEY  
TO SUCCESS  
THROUGH IKB

AREA  
B

# AS AN IKB SIXTH FORM STUDENT YOU ALSO GET...

Subject-specific trips and visits in the following areas:

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**Physics/Maths** – theme park trip to develop kinematics and mechanics

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**Physics/Engineering** – residential trip to Cern in Geneva, Switzerland, to develop understanding of particle physics and cutting-edge engineering

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**Biology** – residential field trip to develop ecology techniques

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**Chemistry** – a university residential with industry visits

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**Product Design** – a trip to London to visit the Design Museum, local trips to areas of design interest

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**Engineering** – industry visits to experience production and manufacturing processes across sectors

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**An additional summer enrichment trip abroad** with your peers including outdoor activities

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The progression to STEM courses  
and careers is high

OFSTED 2018

# EMPLOYER ENGAGEMENT

An impressive array of employers are working in partnership with IKB Academy, contributing their unique skills and knowledge to the life of our students.

Employers are at the centre of all we do, resonating through the ethos and atmosphere of the school which fosters a culture of aspiration and opportunity.

“ Having the engagement from the IKB students... is a really powerful opportunity that should not be missed. ”

Clive Johnson,  
Ministry of Defence

We are proud to be working in partnership with sectors including aerospace engineering, construction, medical, IT services, nuclear, rail and naval engineering.

Our employer engagement team develop links with key local and national businesses within the Science, Technology and Engineering sectors. These links influence enrichment opportunities, employability and study skills, which provide a strong basis for future study at university or higher apprenticeships.

In addition, our employer engagement team work with students to develop CV writing, UCAS applications, job applications and vital communication skills for the workplace.



# BEING A WMAT SIXTH FORM STUDENT

Studying within the Wellsway Multi Academy Trust means you can choose the courses that are right for you.

By teaming up together with Wellsway School and SBL Academy we can offer you access to over 50 Sixth Form courses. If you are particularly interested in an additional course it may be available at one of our other centres; we make it easy for you to study at our partner schools with our excellent transport service.

The WMAT Sixth Forms work closely together. We have aligned our timetables, working days, reporting systems and teaching to give you a consistent experience. If you study a subject at another centre, you will meet and mingle with students from other WMAT schools. It may be that they join you for lessons at your own school or it may be that you get involved in the increasing number of WMAT enrichment opportunities, extra-curricular activities and social events.

Being a WMAT student gives you the best access to Sixth Form education in a school setting.



If you would like to know more about the upcoming Information Evenings please fill in your details.

Name

Address

Postcode

Tel

Email

Parent/Carer

Student

WE CAN'T WAIT TO MEET YOU...

Affix  
stamp  
here

**IKB Academy**

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Keynsham

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# TAKING LEARNING TO A WHOLE NEW LEVEL

A photograph of the IKB Academy building facade, featuring large, stylized letters "IKB" made of vertical wooden slats mounted on a light-colored wooden wall. The building has large windows and a modern architectural style. A red semi-circular graphic is overlaid on the bottom half of the image.

IKB

Leading  
the way



**WELLSWAY**  
MULTI ACADEMY TRUST

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