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# TANFIELD

## SCHOOL

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SPECIALIST COLLEGE OF  
SCIENCE & ENGINEERING





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SPECIALIST COLLEGE OF  
SCIENCE & ENGINEERING

We are proud that students at Tanfield School respect others, work to the best of their ability, are kind and have self-discipline. As such, they leave us after Year 11 with the knowledge, skills and attributes they will need to be successful and happy in the next stage of their lives. Our expectations for behaviour, academic effort and achievement are high for all learners.

As a priority, we ensure that every child who comes to Tanfield feels safe and happy. We know that this is most likely: when they know and understand their environment, know and trust the people in it and know and understand the expectations everyone has of each other and how to meet these. Tanfield's size enables our staff to care for each child as an individual. Very quickly, we will all learn your child's name and their learning needs.

Given that our work as teachers is to develop our students' characters, we are responsible for teaching the young people in our care how to work hard, and how to be good people.

We do this through the positive and trusting relationships we create in our community and through the constant and consistent expression of high expectations. This is very clear to our students so that they know what is ok, what is not ok, why that is, how to achieve it and how to reflect and fix it if they get it wrong. Tanfield students always strive to be the best that they can be. This excellent behaviour and effort leads to their achievement.

For students to meet these high expectations, we know that we need to invest in building very strong relationships with parents, carers and families. Tanfield School encourages your involvement. We want you to play an active part in your child's education and to support our staff as they carry out their responsibilities with your child.

You are welcome to visit us at any time. If you do, you will see for yourself why we are so proud of our students.

STEVEN CLOUGH  
HEADTEACHER





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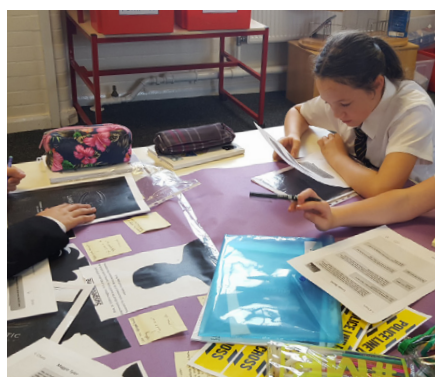
# ENGLISH

The English curriculum at Tanfield enables our students to leave us as independent, resilient and confident learners who question the world around them, read widely, develop perceptive lines of thought, express complex ideas using sophisticated vocabulary and write creatively, imaginatively and convincingly.

We have a relentless focus on high quality reading and writing through the teaching of a knowledge rich curriculum, which spans from Years 7 to 11. Our knowledge rich curriculum provides students with the content needed to truly engage with everything our subject has to offer. As a result, students value and enjoy the challenge of studying English Language and Literature at Tanfield School.

MRS G OLIVER  
ENGLISH DEPARTMENT

A GCSE IN ENGLISH IS VITAL FOR ALMOST ALL JOBS AND VOCATIONAL COURSES. ENGLISH/ENGLISH LITERATURE AT AS/A2 LEVEL ARE FAVOURABLY VIEWED FOR ENTRY TO ALL INSTITUTIONS OF HIGHER EDUCATION. THE STUDY OF ENGLISH CAN LEAD TO MANY DIFFERENT AREAS OF STUDY WITHIN HIGHER EDUCATION: PSYCHOLOGY, ANTHROPOLOGY, MEDIA STUDIES, DRAMA AND THE PERFORMING ARTS, LITERARY CRITICISM, JOURNALISM, MEDICINE, LAW AND MANY OTHERS.



## STUDENTS STUDY A RANGE OF TEXTS AT KS3 AND 4:

- Y7 – 'THE ODYSSEY' HOMER, 'TREASURE ISLAND' R.L. STEVENSON, 'LORD OF THE FLIES' WILLIAM GOLDING
- Y8 – 'THE CRUCIBLE' ARTHUR MILLER, 'ROMEO AND JULIET' WILLIAM SHAKESPEARE, 'OF MICE AND MEN' JOHN STEINBECK
- Y9 – 'HEROES' ROBERT CORMIER, 'OTHELLO' WILLIAM SHAKESPEARE, 'WAR POETRY ANTHOLOGY' SELECTED POETS.
- Y10 – 'A CHRISTMAS CAROL' CHARLES DICKENS, 'MACBETH' WILLIAM SHAKESPEARE, 'AN INSPECTOR CALLS' J.B. PRIESTLEY
- Y11 – 'ROMEO AND JULIET' WILLIAM SHAKESPEARE, 'DR JEKYLL AND MR HYDE' R.L. STEVENSON, 'ANIMAL FARM' GEORGE ORWELL





# MATHEMATICS

Tanfield's mathematicians are problem solvers. They are taught knowledge on concepts such as: statistics, ratio, geometry, algebra and probability and challenged to apply this with difficult tasks. The knowledge is embedded in their long term memory with low stakes testing, interleaving and spacing so that they are confident, skilled and able mathematicians ready to proceed to post 16 study.

MR M CEEGAN  
MATHS DEPARTMENT

TANFIELD'S  
MATHEMATICIANS  
ARE PROBLEM  
SOLVERS.

7-11 ARE TESTED AT  
REGULAR INTERVALS  
WHICH WILL ALLOW  
STUDENTS TO TRACK  
PROGRESS AND  
ACHIEVE THEIR FULL  
POTENTIAL.



 **hegartymaths**

IS USED FOR  
HOMEWORK.

STUDENTS ARE  
CONFIDENT  
MATHEMATICIANS.







# SCIENCE

In Science we study aspects of Biology, Chemistry and Physics and offer a variety of courses to match students' individual needs. We encourage a practical, problem solving approach in lessons and emphasise the relevance of Science in the real world.

Extracurricular provision has included visits to Kielder Space Observatory and our GCSE students have attended the Science Live Conference presented by Professor Lord Robert Winston.

We take great pride in the delivery of our knowledge rich curriculum. This prepares our students for all aspects of life, and in particular, for further academic Scientific studies at University.

MR R SEATON  
SCIENCE DEPARTMENT



STUDENTS WHO STUDY SCIENCE AT TANFIELD SCHOOL ASPIRE TO PURSUE CAREERS IN MEDICINE, AEROSPACE, FORENSIC SCIENCE, VETERINARY SCIENCE, AND ENGINEERING TO NAME BUT A FEW.

"EVERY LESSON IS DIFFERENT, THEY ARE ALWAYS FUN AND EXCITING, WE ALWAYS LEARN NEW THINGS."



TANFIELD SCIENCE STUDENTS HAVE ACHIEVED SUCCESS IN BIOLOGY, CHEMISTRY, PHYSICS AND SCIENCE

WE ARE PROUD THAT MANY OF OUR STUDENTS HAVE GRADUATED FROM TANFIELD SCHOOL TO STUDY SCIENCE AT A LEVEL, DEGREE LEVEL AND BEYOND TO PURSUE CAREERS IN A MULTITUDE OF SCIENTIFIC FIELDS.

"TEACHERS PUSH YOU THAT EXTRA BIT, BUT IN A NICE WAY. THEY KNOW US AS INDIVIDUALS AND TREAT US WITH RESPECT."







# HUMANITIES

The Humanities curriculum is designed to give all our students the cultural literacy that will ensure all our students can attend the best university, or real alternative, succeed in their dream job and thrive in all aspects of their life. Our curriculum is designed to provide a breadth and depth knowledge and understanding of all three disciplines.

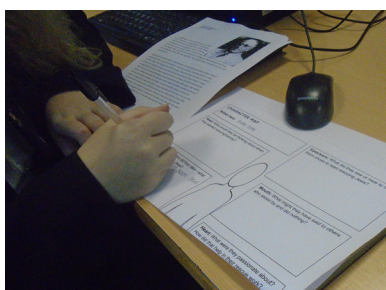
MRS N STEPHENSON  
HUMANITIES DEPARTMENT

IN HISTORY: OUR STUDENTS LEARN ABOUT AND DEVELOP A SECURE UNDERSTANDING OF LOCAL, NATIONAL AND WORLD HISTORY. STUDENTS STUDY HISTORY CHRONOLOGICALLY TO DEVELOP AN UNDERSTANDING OF CHANGE, CONTINUITY, CAUSE AND CONSEQUENCE. IN Y7, WE BEGIN WITH A BREADTH STUDY EXPLORING WARFARE FROM ANGLO-SAXON ENGLAND TO THE PRESENT DAY. STUDENTS THEN STUDY THE MEDIEVAL WORLD, THE CHANGES OF THE REFORMATION, THE CHANGING POWER OF THE MONARCHY, THE SEISMIC CHANGES DURING THE INDUSTRIAL REVOLUTION AND CULMINATE WITH THE CONFLICTS, CHALLENGES AND CHANGES OF THE 20TH AND 21ST CENTURY THAT CONTINUE TO SHAPE THE WORLD WE LIVE IN TODAY. AT G.C.S.E, STUDENTS STUDY WEIMAR AND NAZI GERMANY, EARLY ELIZABETH I 1558-1588, THE AMERICAN WEST 1835-1895 AND CRIME AND PUNISHMENT C.1000 TO PRESENT DAY WITH AN HISTORICAL ENVIRONMENT STUDY OF WHITECHAPEL. STUDENTS EVALUATE DIFFERENT HISTORICAL INTERPRETATIONS AND HANDLE A FULL RANGE OF HISTORICAL SOURCES



IN GEOGRAPHY, STUDENTS ARE ABLE TO APPLY THEIR SKILLS TO GLOBAL ISSUES THAT HAVE AN IMPACT ON THEM AND THE WORLD AROUND THEM. THEY ARE ENCOURAGED TO EXAMINE MAJOR WORLD ISSUES AND DEVELOP THEIR OWN IDEAS AND OPINIONS ABOUT THEM. OPPORTUNITIES ARE ALSO PROVIDED FOR STUDENTS TO EXPERIENCE LEARNING OUTSIDE OF THE CLASSROOM.

IN RELIGIOUS STUDIES, STUDENTS STUDY IN DEPTH THE CORE BELIEFS AND PRACTICES OF CHRISTIANITY, JUDAISM AND ISLAM. THEY GO ON TO LEARN ABOUT OTHER WORLD RELIGIONS. THEY CONSIDER THE EXPRESSION AND IMPACT OF BELIEFS AND THE PLACE OF RELIGION IN THE WORLD TODAY. STUDENTS EXPLORE THE MULTI-CULTURAL AND MULTI-FAITH SOCIETY WE ARE LIVING IN AND CONSIDER QUESTIONS OF BELIEF, AUTHORITY AND MORALITY.





# DESIGN TECHNOLOGY

Design Technology is a dynamic and creative subject where students have the opportunity to work on a range of projects including, Electronics: Food and Nutrition, Resistant Materials and Textiles. The department is well equipped with specialist teaching rooms and a range of CAD/CAM equipment. The department also runs a highly successful VEX Robotics club which has won a number of regional competitions and has competed at the nationals since 2014.

MR P CARR

## DESIGN TECHNOLOGY DEPARTMENT

KS3	FOOD	TEXTILES	PRODUCT DESIGN	SYSTEMS/ ELECTRONICS
YEAR 7	Introduction of basic culinary skills through making a fruit salad, cup cakes and flapjacks.	Monster Dolls - design and make a monster doll.	CAD/CAM resistant materials project to design and make a book end.	PICAXE Microcontroller based Night Light project.
YEAR 8	Bread, scones, and pizzas.	Pop-art mobile phone cover project.	CAD/CAM trophy design project. Garden spinner metal/plastics project	
YEAR 9	Range of healthy meal options.	Contemporary themed cushion project.	Design and make a themed piece of low voltage LED lighting. Graphics - CD-DVD cover design task.	

THROUGHOUT KS3 STUDENTS WILL COMPLETE A RANGE OF PROJECTS WHERE THEY WILL DEEPEN AND EXTEND THEIR KNOWLEDGE IN A RANGE OF MATERIALS, TOOLS AND EQUIPMENT, DESIGN PROCESS AND WIDER TECHNOLOGICAL ISSUES. THE PROJECTS WILL ALSO HAVE A FOCUS ON CREATIVE PROBLEM SOLVING IN A RANGE OF MATERIAL AREAS. STUDENTS WILL BE ASSESSED THROUGH BOTH AN END OF UNIT TEST AND THEIR COMPLETED PROJECT.



IN KS4 WE OFFER A RANGE OF COURSES IN THE FOLLOWING AREAS:

CRAFT - TEXTILES  
ENGINEERING  
FOOD AND COOKERY





# COMPUTING

Computing is an exciting, creative department where students learn high level skills and most of all enjoy their lessons. At both Key Stage 3 and 4 the students gain knowledge in how to be confident users of many ICT systems and programming elements.

Each student at Key Stage 3 is taught one or more discrete lessons of ICT each week, covering a number of creative units of work which link to the new Computing programme of study. Students are given several opportunities to use and create software applications.

Students in Key Stage 4 can choose GCSE Computer Science where the focus is on programming, computational theory and computer systems. Or students can follow the BTEC Technical award in Creative Media Production for a more creative direction in ICT.

MRS B MOON

COMPUTING DEPARTMENT

SOME OF THE TOPICS COVERED DURING KS3 INCLUDE:  
WEBSITE DESIGN  
ANIMATION CREATION  
PYTHON PROGRAMMING  
AND MANY MORE.

GCSE COMPUTER SCIENCE IS A CHALLENGING COURSE THAT ALLOWS STUDENTS TO UNDERSTAND AND APPLY THE FUNDAMENTAL PRINCIPLES AND CONCEPTS OF COMPUTER SCIENCE. STUDENTS ENGAGE IN A RANGE OF PRACTICAL PROGRAMMING TECHNIQUES ALONGSIDE THEORY LESSONS COVERING TOPICS SUCH AS: COMPUTATIONAL LOGIC, SYSTEMS ARCHITECTURE, MEMORY, STORAGE, WIRED AND WIRELESS NETWORKS, SYSTEM SECURITY, SYSTEM SOFTWARE AND MANY MORE.



THE COMPUTING DEPARTMENT IS IN A VERY EXCITING PHASE OF DEVELOPMENT.



BTEC TECHNICAL IN CREATIVE MEDIA PRODUCTION:

THE BTEC TECH AWARD IS CREATIVE MEDIA PRODUCTION IS A PRACTICAL INTRODUCTION TO LIFE AND WORK IN THE INDUSTRY. STUDENTS CAN EXPLORE THE SECTOR WHILE:

- DEVELOPING TECHNICAL SKILLS AND TECHNIQUES
- PRODUCING A DIGITAL MEDIA PRODUCT TO FIT THE BRIEF
- REVIEW + REFLECT ON OUTCOMES.



# MODERN FOREIGN LANGUAGES

In the Modern Foreign Languages department, we believe that learning a language helps you understand the cultures and backgrounds of people from all over the world. English is not enough.

Learning a language helps you to acquire the knowledge and confidence needed in life and in the world of work.

At Tanfield School, students receive a carefully planned knowledge-based curriculum with opportunities to extend their learning beyond the classroom. Trips abroad give students a chance to apply the knowledge they have acquired and make their studies more meaningful by using the target language in a realistic way and by experiencing the culture at first hand.

We are looking forward to meeting you.

Mrs Marlier (Head of Modern Foreign Languages)

Mrs Seccombe (Teacher of French)

Miss Niemann (Teacher of French and German)

## MFL DEPARTMENT

YEAR 7: ALL ABOUT ME; ENDANGERED ANIMALS; LEISURE ACTIVITIES.

YEAR 8: SCHOOL AND FUTURE PLANS; HOME; FOOD AND DRINK.

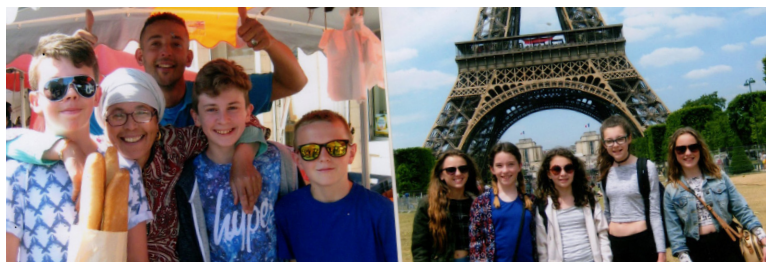
YEAR 9: HEALTHY LIFESTYLES; DAILY ROUTINE; HOLIDAYS.

YEAR 10: RELATIONSHIPS; TECHNOLOGY IN EVERYDAY LIFE; FREE TIME ACTIVITIES (MUSIC, CINEMA, TV, FOOD AND EATING OUT); CUSTOMS AND FESTIVALS; HOME AND LOCAL AREA.

YEAR 11: SOCIAL ISSUES (CHARITY AND VOLUNTARY WORK; HEALTHY AND UNHEALTHY LIVING); GLOBAL ISSUES (ENVIRONMENT, POVERTY AND HOMELESSNESS); TRAVEL AND TOURISM; EDUCATION AND FUTURE CAREER.

SPEAKING LANGUAGES GIVES YOU ACCESS TO A WHOLE NEW WORLD: MUSIC, INTERNET, CULTURAL EVENTS, TRAVEL, NEW FRIENDS.

“YOU CAN NEVER UNDERSTAND ONE LANGUAGE UNTIL YOU UNDERSTAND AT LEAST TWO”







# PHYSICAL EDUCATION

At Tanfield School we encourage students to develop lifelong participation in sport through offering an extensive range of sporting activities during Core PE and our extra-curricular programme.

Our curriculum path offers six different sporting units of work across Key Stage 3 and the option of Sport Science at Key Stage 4 offers a more theoretical pathway for those students interested in pursuing a career in the sporting industry. We take pride in our high standards of commitment and sporting etiquette. The extensive extracurricular programme is for all students and facilitates all levels of participation.

MR J ROURKE  
PE DEPARTMENT

OUR CURRICULUM TARGETS THE DEVELOPMENT OF PHYSICAL ACTIVITY AT A HIGH LEVEL. AT TANFIELD WE AIM TO DEVELOP THE SKILLS, TECHNIQUES AND TACTICS REQUIRED IN A UNIT OF WORK WHILE WORKING AT A HIGH INTENSITY, NOT FORGETTING THE ELEMENT OF FUN AND ENJOYMENT.

OUR AIM IS FOR ALL STUDENTS TO LEAVE TANFIELD SCHOOL WITH THE ABILITY TO MAINTAIN AN ACTIVE, HEALTHY LIFESTYLE BASED ON THEIR EXPERIENCES FROM PHYSICAL EDUCATION.

EXTRA CURRICULAR:  
WE HAVE AN EXTENSIVE EXTRA CURRICULAR PROGRAMME WHICH IS FOR ALL STUDENTS AND FACILITATES ALL LEVELS OF PARTICIPATION.



KS3 & KS4 ACTIVITIES:  
FOOTBALL, CRICKET,  
HANDBALL, RUGBY  
LEAGUE, TABLE  
TENNIS, DANCE,  
NETBALL, ATHLETICS,  
GYMNASTICS,  
TRAMPOLINING AND  
MORE

WE ARE INVOLVED  
IN A WIDE RANGE OF  
DISABILITY SPORTS  
FROM BOCCIA, NEW  
AGE KURLING AND  
SWIMMING

## SPORT SCIENCE

OUR SPORT SCIENCE COURSE OFFERS STUDENTS THE OPPORTUNITY TO EXPLORE THE SPORTING WORLD AND INVESTIGATE THE VARIOUS ROLES WITHIN IT. THEY WILL LEARN ABOUT THE DIFFERENT PIECES OF THE PUZZLE THAT AN ATHLETE MUST CONSIDER AS THEY TRY TO MAXIMISE THEIR FULL POTENTIAL, LEARNING ABOUT TOPICS SUCH AS; PRINCIPLES OF TRAINING, REDUCING THE RISK OF INJURY, NUTRITION AND MANY MORE.

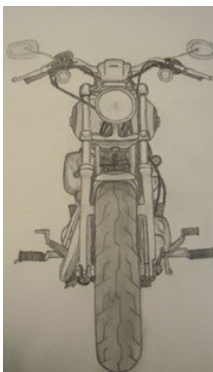
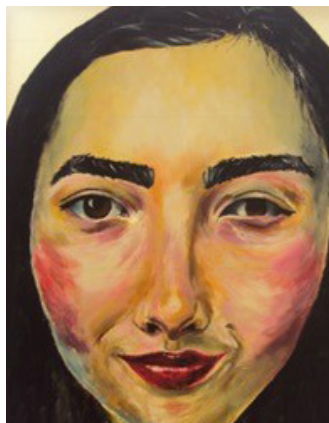
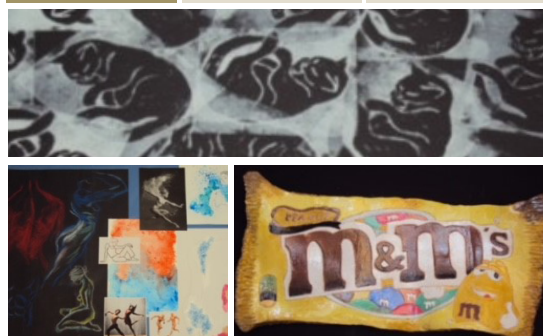
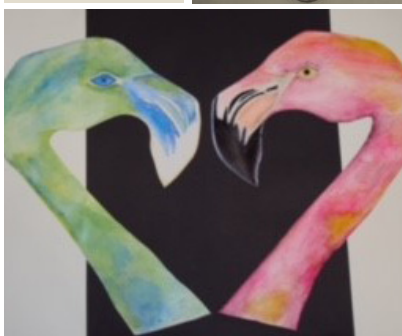
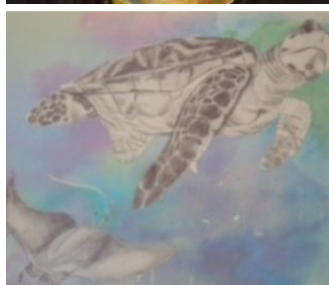


# ART

The Art curriculum is designed to develop students' ability to communicate and express their creative ideas. During Key Stage 3 students explore a wide range of skills and techniques including: drawing in a variety of forms, painting, printmaking, sculpture and ceramics. Relevant artists, both traditional and contemporary, and from different cultures are introduced to students to inspire, influence and inform their work.

Key Stage 4 students study the AQA GCSE Art & Design qualification. This course is designed to allow students to build upon and refine their skills across a range of techniques already learned at Key Stage 3. Many of our students choose to study Art post-Tanfield and this course offers the essential knowledge and skills to help them progress to the next level in sixth form and beyond.

MRS TONES  
ART DEPARTMENT

	PROJECT 1	PROJECT 2	PROJECT 3		
YEAR 7	Under the Sea				
YEAR 8	Still Life	Pop Art	Zentangles		
YEAR 9	Faces & Masks	All About Me	Food & Drink		
YEAR 10 & 11	Unit 1 Portfolio of work Projects may vary	Unit 2 Controlled Assessment			
  					





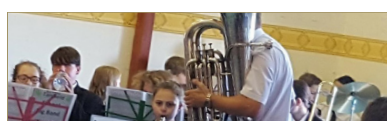
# MUSIC

In Music, students are encouraged to perform on a wide variety of instruments: percussion, street samba band kit, drum kits, keyboards, pianos, acoustic guitars, electric guitars, bass guitars, tin whistles, trumpets, trombones, clarinets, flutes, violins and cellos. All of these are available free of charge from the Music department through our new musical instrument hire scheme.

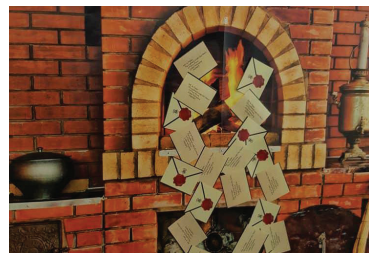
The Music department also uses the school's Moodle website [moodle.tanfieldschool.co.uk](http://moodle.tanfieldschool.co.uk) to encourage students to take an active part in extracurricular music and complete their weekly homework. We have practice rooms available for students to hire free of charge at every break and lunchtime.

The **Tanfield School Big Band** rehearses on a Thursday after School.

MR J STEPHENSON  
MUSIC DEPARTMENT









# THE TANFIELD WAY

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We guarantee that we will do whatever it takes to make sure that every student at Tanfield achieves their full potential. We have extremely high expectations and, just as there are no shortcuts, there are no excuses.

At Tanfield, we all have a sentence that states the lasting impression we want to leave on the world. Our school sentence is: "The school ensured that all students attended the best university, or real alternative, succeeded in their dream job and thrived in all aspects of their life."

In order to achieve our mission, Tanfield focuses on three key drivers: Mastery, which is the urge to get better and better at something that matters; Autonomy, or our desire to direct our own lives; and Purpose, which is our yearning to do what we do in the service of something larger than ourselves.

Our practice is thoroughly rooted in this approach and in the following three core values:

## HARD WORK

We never give up. We remain positive so that we have the strength to persevere with even the hardest work. We do what it takes for as long as it takes.

## TRUST

We are honest. We do what we say we'll do and do not make excuses. We are loyal and have the courage to do the right thing.

## FAIRNESS

We play by the rules. We are respectful, polite and courteous at all times. We don't take advantage of others and helping a member of our team is helping ourselves.

## SEND

If your child has SEND Requirements you can contact Mrs S Johnson for further information.

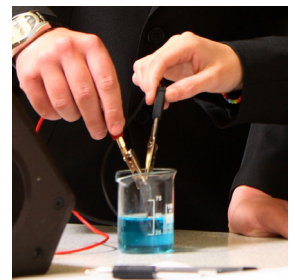
## SAFEGUARDING CONCERNS

A key priority for Tanfield School is the safety and wellbeing of our students. We strive to achieve this by ensuring that the school is safe and secure. We work in partnership with many agencies, including the Police, to educate students about personal and on-line safety. Where a student's behaviour impacts on the wellbeing of others, the school is robust and educative. For any safeguarding concerns please contact the school (01207 232 881 or [enquiries@tanfieldschool.co.uk](mailto:enquiries@tanfieldschool.co.uk)) and ask for a member of our safeguarding team.

Members of the safeguarding team:

Mrs K Draycott, Mrs L Bell, Mrs M Farrell

If you have a concern about a child or young person's welfare who lives in County Durham, call First Contact Prevention Service on 03000 267 979. First Contact brings together Children's Services staff with partners such as Durham Constabulary and Health Services.



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