An academy of the

Penrose Learning Trust

Teacher of Design Technology

Required ASAP

School Information

Design and Technology Faculty

'Be the best you can be'

Dear Applicant

We know how important it is to choose the right school to work in and this information pack is designed to give you some details about our school.

Our school is committed to providing an education of the very highest quality. Our aim is to enable every child to achieve their very best academically, culturally and socially, so they have the widest possible choices and opportunities when they leave Claydon High School.

We believe that all students can achieve success with support and challenge and it is through working as a partnership with each other that we achieve this. We have high expectations of our students and we ask that they are committed to their own learning and show respect for others.

We are all aware of the unprecedented nature of GCSE results over the last few years but we are proud of having upheld our high standards. As a school 72% of our students achieved a Grade 4 or above in English and Maths with 43% achieving a 5 or above. DT results were strong and improving.

We hope this information gives you an insight into our school and we would be delighted for you to visit us to have a tour and meet our staff and students; visitors and prospective colleagues often comment on the warm welcome they receive here and we would like to invite you to experience this for yourself. We hope this information captures the things you need to know before making an application; more information is also available via our school website. If, however, you have further questions please do not hesitate to contact us on 01473 836110.

Good luck with your application.

Mr M Ismay
Headteacher

Jo Fisk
Head of Design & Technology Faculty

Join the team at Claydon High School

At Claydon High School we pride ourselves on the welcoming, friendly and collegiate working atmosphere.

We offer:
- ✓ new staff training and induction with ongoing support;
- ✓ continuous professional development opportunities;
- ✓ bespoke support for career development.

> "I have been made to feel very welcome from both staff and students since starting with Claydon High School.
> I have been provided with support when needed and have been rescued many times when I have gotten lost (which has been quite frequently).
> I am excited for my future here at Claydon and thank all for their kindness so far."
> LSA, September 2024

On a practical level we can provide:
- ✓ free on-site parking;
- ✓ cycle to work provision;
- ✓ use of the gym and other keep fit opportunities.

> "The support of staff has been great and everyone has been both helpful and friendly. The size of the school has meant that I have started to know my way around, the systems and the students, quickly; I already feel like part of the school community."
> Assistant Headteacher, September 2024

We are incredibly sociable and you will find us:
- ✓ offering free tea and coffee in the staffroom;
- ✓ providing breakfast and lunch on PD days;
- ✓ celebrating the onset of holidays with staff draws for Christmas and summer hampers or Easter confectionery;
- ✓ enjoying regular wellbeing activities.

> The induction programme gave me the opportunity to become familiar with staff, school procedures and the layout of the school before I began teaching. This, and the complimentary cups of tea! really helped me to settle in. I feel well supported by my team and my line manager. Staff and students have made me feel very welcome at Claydon.
> Cover Supervisor, April 2024

We enjoy working here; why not come and join us?

Information about the school

Claydon High School is an 11-16 school with 773 students on roll. The school serves a predominantly rural area to the north and west of Ipswich.

Claydon High School has a long history within the community. The school has been on the site since 1937 and has grown enormously to respond to the demands of each new generation. We constantly work to refurbish and maintain our facilities.

Claydon is a small high school on the outskirts of Ipswich, well served by the A12 and A14. As part of the Penrose Learning Trust we are working closely with other academies, including our closest feeder primary school, to share best practice, supporting colleagues in professional development and maximising opportunities for our students. We enjoy excellent liaison with our primary pyramid and other local high schools.

The school has six primary feeder schools, Claydon, Bramford, Witnesham, Somersham, Henley and Sproughton though we draw regularly from over 20 different primary schools. We have very strong links with our pyramid of schools and we have all worked hard together to establish effective liaison and transition, sharing of events, planning and Continuing Professional Development.

We are a newly designated Lead Training School for SCITT and are committed to supporting teachers in training and their first few years of teaching alike.

Claydon Campus

This academic year we have joined with Claydon Primary School in order to work towards an all-through school. This is an incredibly exciting time in both schools' history as we embark on some ground breaking work.

Penrose Learning Trust

This is a partnership of four high and five primary schools based in South Suffolk and North Essex who aspire to offer the best possible education for our young people; excellence in collaboration is our shared motto.

The vision for the Trust is to inspire and enable all our young people, regardless of background or need, to be the best they can be.

Achievement for all

Our aim at Claydon High School is to provide a high quality education which helps students to grow and develop as self confident individuals in an environment which is supportive and caring.

We treat students as individuals and help them to achieve the highest standards they are capable of. We have high expectations of students and develop and encourage team work, respect and co-operation; all of these factors help students to grow into self confident individuals, able to take a full and active part in their community. Success and achievement are celebrated and we seek a positive partnership with parents/carers and those in the wider community.

Our core values are that students CHALLENGE themselves, and demonstrate a COMPASSIONATE and CONSCIENTIOUS approach to their learning so that they are CONFIDENT lifelong learners.

Staffing

The Senior Leadership Team consists of the following:
Mark Ismay   Headteacher
Ian Harris   Deputy Headteacher
Ali Legg   Assistant Headteacher
Drew Nash   Assistant Headteacher
Beth Wheatley   Assistant Headteacher

The Design and Technology Faculty consists of the following:
Jo Fisk   Head of Faculty
Sian Castleton   Teacher of DT
Craig Gooding   Teacher of Computer Science
Kirsty Wilson   Teacher of Food Preparation and Nutrition, Head of Year 9
Selina Finch   Food Technician and Instructor
Vacancy   DT Technician

Faculty accommodation, facilities and resources
The DT Faculty boasts two multi purpose workshops, set up with heat treatment areas, metal work facilities and the more traditional woodworking area. We also have a large laser cuter. We have a graphics/multi-media room which has a 3D printer and vinyl cutting equipment. And finally, we have a modern, bright and well equipped Food Technology area.

Student Management
At Claydon High School we promote an atmosphere of achievement and success. We want students to see the benefits of working hard to achieve great things. We recognise and celebrate achievement in all areas of school life. Students collect plus points for such things as: academic achievement; effort; progress; attendance; punctuality; uniform and equipment; good behaviour; help around the school and commitment to extra-curricular activities. When a student gains 25 plus points their name is entered into a termly prize draw. Student success is celebrated in the school newsletter and regular letters home are sent for student contribution to school life. There is also public recognition at end of term presentation assemblies.

We constantly remind students that they should be behaving in a positive way and we work on choices and consequences to help students make the right decisions about their behaviour and attitudes. We ask staff to be consistent in their approaches and follow the behaviour policy.

Curriculum

Transition Support
We are fully committed to ensuring that Year 6 students enjoy a smooth transition into secondary education. Students will have the opportunity to visit us and participate in subject events. All parents/carers and students are welcome to visit us on Open Mornings and on our Open Evening in October. Our staff visit all the feeder primary schools and work with our new intake in the summer term of Year 6. Prior to their admission each student and their parent/carer will have an interview in June to share information. When they begin in September all students take part in our wonderful Legacy Project.

- Every day begins with a 20 minute lesson with the form tutor, followed by four 75 minute lessons
- We have a two week timetable

The school day

Time	
8.30 am	Period 1
8.50 am	Period 2
10.05 am	Break
10.25 am	Period 3
11.40 am	Period 4
12.55 pm	Lunch
1.35 pm	Period 5
2.50 pm	End of day

SUBJECT	Key Stage 3			Key Stage 4	
	Year 7	Year 8	Year 9	Year 10	Year 11
English	7	7	7	7	7
Mathematics	6	6	6	6	6
Science	6	6	6	8	8
Physical Education	3	3	3	2	2
LIFE	2	2	2	1	1
Modern Foreign Languages	4	4	3	4 x option subjects 4 lessons per fortnight	
Design Technology & Computer Science	3	3	3		
Art & Design	2	2	2		
Drama	1	1	1		
Music	1	1	1		
History	2	3	3		
Geography	3	2	3		

Currently the optional subjects offered at KS4 are: Art and Design, Business Studies, , Computing Science, Design Technology, Drama, Engineering, French, GCSE PE, Geography, Health and Social Care, History, Hospitality and Catering, Music, Sociology and Spanish.

At Key Stage 3
- Students study French or Spanish initially in Year 7 and this continues through Years 8 and 9

At Key Stage 4
- All students study a core curriculum of English, Maths, Science, PE, LIFE (PSHEE/ Citizenship and RE)
- Students will also select up to an additional four subjects

Faculty Curriculum

Students in Years 7-9 will follow a carousel including: Computer Science, Food Preparation and Nutrition, Graphic Design and Resistant Materials. This allows students to study a broad curriculum before specialising at GCSE.

KS3 Curriculum Map - Design Technology

Engineering	DT	Computer Science	Food Preparation & Nutrition
Yr 7 RM Sweet Dispenser	**Yr 7 Graphics Torch**	**Yr 7 Algorithms, Binary and Digital Literacy**	**Yr 7 Food Safety/Hygiene**
- Introduction to the workshop and using machines safely. - Material focus - Timber - Marking/Cutting out timber. - Isometric drawing - exploded isometric. Tone and shade. - Sustainability/Recycling 6R's - Types of Motion	- User Profiling - Design Brief/Specification. - Materials and their properties. - Simple electronics. - Isometric drawing. - Net design. - Evaluation	- Files and folder management. - Algorithms - searching and sorting data. - Cyber Wisdom - Flowcharts - Binary - (Binary, Decimal and Hexadecimal.) - Digital Literacy (Databases, Spreadsheets and Word Processing.)	- Food Hygiene - temperatures/ storage. Personal hygiene around food. - Food Safety - basic knife skills. - Eatwell Guide and healthy eating. - Food labelling. - Food waste/food miles. - Sensory Evaluation.
Yr 8 LED Lamp	**Yr 8 Architecture Project**	**Yr 8 Hardware, Software, Boolean, Networks and Programming**	**Yr 8 International Foods**
- Introduction to power tools and using them safely. - Material focus - Polymers - Research - Charles Rennie Mackintosh. - Simple electronics/soldering. - CAD/CAM - using 2D Design and Laser Cutter - Modelling - Isometric Presentation drawing. 3rd Angle Orthographic. - Adhesives. - Evaluation.	- Design brief/specification. - Materials and their properties. - User profiles/ needs. - CAD/CAM - Scale 3rd Angle Orthographic. - Sustainability/Recycling. - Health & Safety - using craft knives. - Evaluation	- Hardware (Input, Output and Storage.) - Software - Flowcharts - Boolean Logic - Networks - Python Programming (1)	- International Food - Food Provence - around the world and Britain. - Different Cultures - Traditional equipment and ingredients. - Food safety and hygiene. - Medium level practical skills - sauce making, presentation skills including precision knife skills.
Yr 9 Clock Project (Recovery Curriculum 2021/22 - Easter)	**Yr 9 Graphics Amplifier Project**	**Yr 9 Programming and Graphics.**	**Yr 9 Food Science**
- Re introduction to the workshop and using machines and power tools safely. - Material focus - Timber, Metal & Polymers. - Research - Ettore Sottsass & Memphis Movement. - Design Brief/Specification - Design Ideas - Modelling - Tessellation. - Pewter Casting.	- Polymers - Research into charities that support clean up of polymers - Design brief/specification - CAD - Design iteration and Modifications - Polymers sheet making using recycled bottle tops	- Pseudocode - Python Programming (2) - Cyber Wisdom - Data Types - Graphics - Computing Law	- Understanding the function of ingredients through practical skills. - Food waste, food insecurity - how we can use food science to help solve different problems. - Sensory analysis.
Yr 9 DT	**Yr 9 Engineering**	**Yr 9 Computer Science / IT Projects**	**Yr 9 Enhancing Skills - Food Group Knowledge**
- Textiles Mini Project - Natural & Synthetic Fibres - Designers - Screen Printing	- Introduction to CAD modelling - Fusion 360/TinkerCAD 3D Printing. - Technical drawing using drawing boards. - Freehand sketching.	- IT / Computer Science Project (1) - IT / Computer Science Project (2) - Threats to Data - Communication - Year 7 Revisit	- Recipes which expand skills in cooking from scratch. - Links to technical language e.g. knead, tenderise, marinate, caramelisation, dextrinisation & gelatinisation

Staff Development
We know that continuing professional development is highly important for all staff. We have an in-house CPD programme as well as the opportunity to attend courses run by external providers. We pride ourselves on our induction programme and further training can be requested as part of our performance management process. An annual theme for CPD encompasses PD Days and whole school teaching and learning.

Extra-curricular Activities
We have a fantastic staff at Claydon High School who offer a wide range of extra-curricular clubs and activities. Our students benefit from so many opportunities they would be impossible to list!! We also have a huge number of trips from different subject areas, many in holidays and over weekends. Staff support of any extra-curricular activity is always very welcome!

Extra-curricular opportunities in DT:
The faculty arranges a number of trips including a very popular one to Harry Potter World. In addition, there are many opportunities to put DT skills into practice; hosting local community afternoon teas and primary school children to name but a few.

Things we are proud of:
- Peer student monitoring
- Year 11 Revision Boot Camp
- In house staff CPD programme
- Year 7 transition project
- Visiting speakers and authors
- Readathon
- Music performances
- Drama productions
- Our sports teams
- Year 10 work experience
- The curriculum being enhanced by many varied trips and visits
- Charity fundraising
- Christmas hampers
- Community tea party
- Our results
- Our staff
- Our students!

Things the Faculty are proud of:
- As a faculty we are innovative and creative, embracing of new ideas and approaches
- We try to empower students to work in an independent way and nurture individually
- We are a supportive team who share expertise
- We work cross specialism to link common design technology skills to enhance the whole DT curriculum

School development priorities for 2025-2026

OBJECTIVES FOR 2025/2026		Link to 5 Year Plan
Objective 1	Improve outcomes at KS4 (English and Maths targets to go here) 5+ 47%/4+ 72%	Objective 1
Objective 2	Reinforce the Claydon lesson; with a particular focus on improving independent learners and rigorous teaching through varied formative assessment, in order to ensure staff have knowledge of individual learners and are able to adapt lessons accordingly. *Through embedding, reviewing and adapting the quality assurance process as necessary.*	Objective 1, 2, 5
Objective 3	Evaluate, review and implement a rigorous system of KS3 assessment which allows curriculum plans to be tailored for specific year groups, staff to adapt lessons appropriately and students to know where they are and how to progress.	Objective 1, 3, 5
Objective 4	Embed a consistent approach to classroom management ensuring that staff and students can articulate how conduct is managed in the classroom *(Acknowledge, intervention, support, relocate)*. Including implementing an effective community curriculum in p1 that encourages students to be a fully participating member of society.	Objective 1, 4

In conclusion
We look for quality in everything we do and strive to be the very best we can whilst seeking to provide opportunities for our students to experience success, growth and happiness.

Joining us as an Early Career Teacher?

Read about how we will support you in this first year of your new career.

Judged "good" by Ofsted, Claydon High School students have pride in their school, excellent relationships with staff and there is a "positive climate for learning".

Claydon is a small high school on the outskirts of Ipswich, well served by the A12 and A14. As part of the Penrose Learning Trust we are working closely with other academies to share best practice; supporting colleagues in professional development and maximising opportunities for our students. We enjoy excellent liaison with our primary pyramid and other local high schools.

> "I couldn't have started my teaching journey at a better school. I was fortunate enough to train in such a supportive and warm environment and I am overjoyed to be able to continue my professional development surrounded by an excellent team. The whole staff culture is so well-established and welcoming, it made my acceptance of the job the easiest decision I have made. Within the ever-evolving world of teaching, having a solid foundation that is there to support and guide you at any given moment eases what can feel like a daunting and scary period. Claydon captures the sense of community perfectly and I am thrilled to be a part of it."   English ECT Teacher, September 2024

We work with both NESTT and EAST and are committed to supporting teachers in training and their first few years of teaching alike.

As a small community high school (NOR: 773) we are a very friendly staff where new colleagues at any level soon get to know many people across faculties and subjects. All new colleagues are invited to new staff training prior to their start date and follow a whole school induction programme in their first term as well as being supported by faculties and other staff. ECTs are helped to access training, support and CPD in school and from our network of neighbouring schools.

Many of our ECTs from the past few years continue to work at the school following their first year and a number have taken on TLR posts and taken a role in leading curricular developments in school and many have followed programmes for developing their teaching and leadership skills.

Why not come and see for yourself?
See our website www.claydonhigh.com or contact Mark Ismay (Headteacher) if you would like to know more about our school or to visit.