



An academy of the
Penrose Learning Trust

Teacher of Design Technology

Part time 0.4-0.6 FTE

Required for September 2024

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.



Mark 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 felt very welcomed when I started at Claydon. Staff were helpful, supportive, kind and continue to be so. Whether it's for a personal appointment or time needed for a meeting, Claydon is accommodating and understanding. I was also pleasantly surprised by the politeness of students when I first started - holding doors for me and saying hello in the corridor, even from those I don't teach, to name just a few acts of kindness. I'm glad I made the move to Claydon." (Second in English Faculty, September 2022)

On a practical level we can provide:

- ✓ free on-site parking;
- ✓ cycle to work provision;
- ✓ use of the gym and other keep fit opportunities.

"I was lucky to join Claydon High School in January 2023, the support I received in preparation for starting my new role was first rate and really help me settle into life at Claydon High School. Since my arrival I have found all staff to be welcoming and friendly, everyone has helped answer questions I have and helped me during my first term. I have found all staff approachable and knowledgeable.

Claydon High School is a community where people care about each other and want the best for all of our students." (Assistant Headteacher, January 2023)

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.

"I was lucky enough to start my career at Claydon High School in 2007 and spent two years at the school. This helped me form a strong foundation for my career. After two years here, I moved onto two other schools and had a range of roles and responsibilities until I made the decision to return to the school as I had such fond memories. I was not disappointed upon my return; the people are still just as warm and friendly and the approach to staff wellbeing is amazing. It's the little attention to details that make you feel like a valued individual." (Maths Teacher, September 2022)

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

Information about the school

Claydon High School is an 11-16 school with 775 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 Sroughton 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.

Penrose Learning Trust

This is a partnership of four high and four 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 |
| Kevin Stronach | Deputy Headteacher |
| Faye Hubbard | Assistant Headteacher |
| Drew Nash | Assistant Headteacher |

The Design and Technology Faculty consists of the following:

| | |
|----------------|---|
| Jo Fisk | Head of Faculty |
| Sian Castleton | Teacher of Design Technology (part-time) |
| Vacancy | Teacher of Design Technology (part-time) |
| Craig Gooding | Teacher of Computer Science |
| Kirsty Wilson | Teacher of Food Preparation and Nutrition, Head of Year 7 |
| Selina Finch | Food Technician and Instructor |
| Hugh White | RM 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 cutter. 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 September. 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.

- 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 |

| | Key Stage 3 | | | Key Stage 4 | |
|--------------------------------------|-------------|--------|--------|--|---------|
| SUBJECT | 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, NCFE Business Studies, CNAT IT, Computing Science, Design Technology, Drama, CNAT Engineering, Food Preparation and Nutrition, French, GCSE PE, Geography, Health and Social Care, History, Music, Sociology and Spanish.

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

| Resistant Materials | Graphics | 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 |
| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> User Profiling Design Brief/Specification. Materials and their properties. Simple electronics. Isometric drawing. Net design. Evaluation | <ul style="list-style-type: none"> Files and folder management. Algorithms - searching and sorting data. Cyber Wisdom Flowcharts Binary - (Binary, Decimal and Hexadecimal.) Digital Literacy (Databases, Spreadsheets and Word Processing.) | <ul style="list-style-type: none"> 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 RM LED Lamp | Yr 8 Graphics Architecture Project | Yr 8 Hardware, Software, Boolean, Networks and Programming | Yr 8 International Foods |
| <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> Design brief/specification. Materials and their properties. User profiles/ needs. CAD/CAM Scale 3rd Angle Orthographic. Sustainability/Recycling. Health & Safety - using craft knives. Evaluation | <ul style="list-style-type: none"> Hardware (Input, Output and Storage.) Software Flowcharts Boolean Logic Networks Python Programming (1) | <ul style="list-style-type: none"> International Food Food Provenance - 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 Bottle Opener | Yr 9 Graphics Amplifier Project | Yr 9 Programming and Graphics. | Yr 9 Food Science |
| <ul style="list-style-type: none"> Material focus Design brief / Specification | <ul style="list-style-type: none"> Workshop and skills. Safety with workshop and graphics | <ul style="list-style-type: none"> Pseudocode Python Programming (2) | <ul style="list-style-type: none"> Understanding the function of ingredients through practical |
| <ul style="list-style-type: none"> Risk Assessments GANTT charts / planning Onshape Design companies (Dyson, Braun, Alessi) Evaluation and modification | <ul style="list-style-type: none"> tools Environment - 6 R's and designer conscience Simple circuits Design ideas Modifications Client focus CAD / CAD Laser cutting Evaluation | <ul style="list-style-type: none"> Cyber Wisdom Data Types Graphics Computing Law Website Creation | <ul style="list-style-type: none"> 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 |
| <ul style="list-style-type: none"> Practice NEA Students walked through a 'lite' version of an NEA. This will be based on a topic title and students will go from research, identifying a client, producing a design brief and specification to design ideas, model making and product realisation. This is to get them versed in the process of working to KS4 expectations. | <ul style="list-style-type: none"> Introduction to CAD modelling - Onshape 3D Printing Technical drawing using drawing boards Freehand sketching Practice R040 piece of coursework to support moving into GCSE | <ul style="list-style-type: none"> IT Project (1) Computer Science Project (1) IT Project (2) Computer Science Project (2) Threats to Data Communication Year 7 Revisit | <ul style="list-style-type: none"> 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 2023-2024:

1. Developing a culture of belonging
2. Promoting our high expectations and standards
3. Offering exciting learning opportunities to ignite a student's passion for education

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.

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

“The move from a primary school into a high school was a daunting one, but Claydon has made me feel welcome, and everyone has been willing to offer guidance and support. I feel like I fit within the Maths team, and the school as a whole. That has made the transition an easy one. The responsibilities of my new job have given me a lot of opportunities to expand and reflect on my own practice, and even in the few months I've been here I've grown a lot, personally and professionally, thanks to those around me.” (Maths TA, September 2022)

As a small community high school (NOR: 775) 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.

“The warm welcome I received during my visit to the school really made me want to apply for the position of MFL teacher. I have not regretted my decision as Claydon is a fantastic school to work in! Staff and SLT are always here to listen and willing to help when needed and that makes a teacher's life easier.” (MFL Teacher, September 2021)

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.

“Having spent a considerable amount of time at my previous school, I was nervously anticipating how it would feel to be part of Claydon High School. Since joining I have not looked back and very much see Claydon as my home. The gratitude and acknowledgement shown by the leadership team and staff towards all colleagues is second to none. This is a wonderful school to work in and my only regret is not joining here sooner. It is a privilege to be part of the Claydon High School community.” (Assistant Headteacher, September 2021)

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.