



Prospectus



Ada Lovelace
CofE
High School



Welcome to Ada Lovelace CofE High School, the Fourth School in the Twyford CofE Academies Trust family.

Ada Lovelace opened in September 2018 after a concerted campaign by local parents. Designed to serve communities in North Ealing, the school draws on the successes of the existing Trust schools – inheriting strengths in Science, Languages and Music from both Twyford and William Perkin CofE High schools as well as a zeal for problem-solving from Ealing Fields. It does however, have its own distinct character – with a specialist focus on Computing and Digital Technologies.

This is why we have chosen Ada Lovelace as a figurehead. Augusta



Ada King, Countess Lovelace, the daughter of Lord and Lady Byron spent her formative years in Ealing. She is credited with making the leap of imagination which stimulated the birth of computer programming.

The new school will take pride in developing both technical expertise and creative applications and William Perkin was the ideal school to support it in this goal – having taken a similarly innovative approach to teaching science.

In September 2020 the community took possession of its glamorous new building in North Ealing after an unconventional period of co-habitation of the William Perkin site for the first two years.

The school is now open with 200 places available for Year 7 intake.

Ada Lovelace CofE High School will be a distinctively Christian school and will share the same motto as its Trust siblings 'I have come that you should have life, and have it to the full' (John 10v10).

This captures the idea which is central to our ethos, that all students are born with good gifts which they must use in service of others.

We look forward to welcoming its new intake.

**Dame Alice Hudson,
Executive Headteacher**





Ada Lovelace CofE High School will have the same distinctive characteristics as its high-performing sibling William Perkin, which has been ranked in the top 10 schools in the country for GCSEs 3 years running, in terms of its curriculum and its school day as these have proved successful in achieving exceptional academic standards.

The school day will start early at 8.15am, in order that students will have a chance to cover their principal subjects of English, Maths, Science, Humanities and Languages in the morning. This arrangement has proved very successful in achieving a highly focused working environment.

The curriculum is a demanding one – with all students studying German in Year 7 and a second language in Year 8 if they are able. RE is compulsory as well as History and Geography.

Students are set 'lesson prep' in every lesson to ensure that they are well positioned for the next day's learning. The school places a strong emphasis on independent learning from the start of Year 7 as this establishes a very important habit for future years. Students

will also become confident of developing transferable skills which the Trust defines as the Trust Learning Disciplines. These move from confidence in basics such as writing and memorising to higher order skills such as forming coherent arguments.

Afternoons at Ada Lovelace CofE High School will contain the creative and applied subjects such as Sports, Art & Design and Creative Technologies. Afternoon lessons are longer sessions of learning than mornings allowing the students to explore at greater depth and undertake project based learning or simply play a proper sports fixture. One of the afternoon subjects which students find particularly stimulating is applied science, which allows students to explore and research scientific principles within a real world context. Topics include Forensics, Sports Science and Aerodynamics.

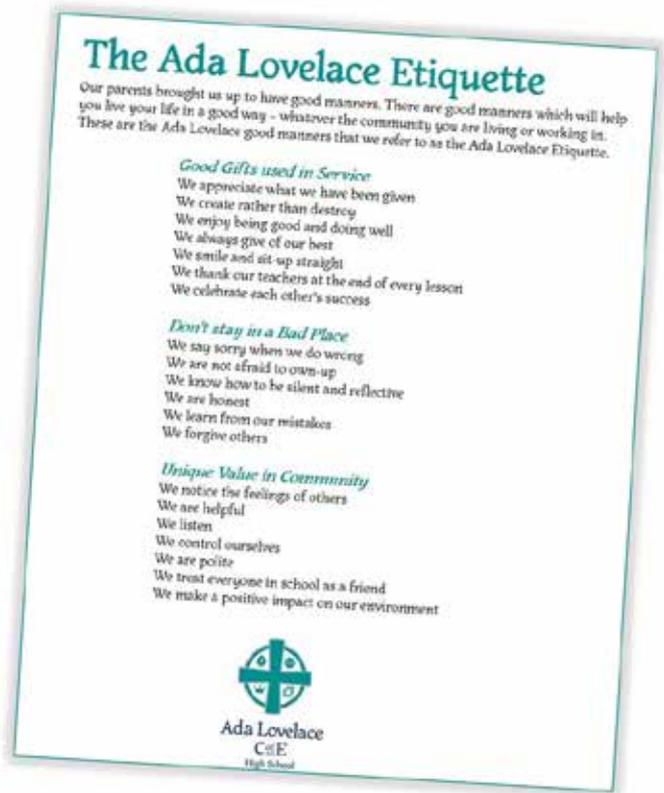
A specialism across all the Trust schools is Music and within the creative and applied curriculum all students learn to play a musical instrument and to develop their musical awareness through singing. There are also a wide range of extra curricular music ensembles

and groups already established at William Perkin and Twyford which the Ada Lovelace CofE High School students will be invited to join as well as teams and squads which practice after school in the very well-developed sports facilities.

“The curriculum is innovative and exciting. Students are appropriately stretched academically and socially. Ample opportunities are available to develop students’ spiritual, moral, social and cultural development. As a result, their personal development is outstanding.

The academic achievement of students is exceptionally high. The high level of challenge drives the most able students to excel.”

***William Perkin CofE High School
OFSTED July 2015***



Development of the Whole Person

Students at the new school will have the benefit of very strong pastoral systems which were developed first at Twyford and then extended to William Perkin and more recently Ealing Fields.

Our 10: 10 ethic engenders reflectiveness as well as self improvement. Students are encouraged to take responsibility for the things which they may get wrong or do less well – both in class and in their relationships with others. All teachers expect students to be able to review their own work critically in order to identify areas for improvement.

Ada Lovelace CofE High School will carry forward the strong positive culture which they have been inducted into at William Perkin, and emphasise the importance of engaging with a whole heart and being prepared to be wholly aspirational in their actions.

Every day students take part in a pastoral programme during which they discuss personal and moral issues using Bible stories as the stimulus. They will also become part of a community which has worked hard to be mutually responsible and self supporting.

They will be conscious of gaining positive conduct points when their behaviour contributes well to the community as well as negative ones if they were to undermine the wellbeing of the community.

A very concrete example of this is the house system which unites younger students with older ones. House events include Music and sports competitions, fundraising events and a Trust Sports day.

Spiritual development is accepted as a central element of the school's pastoral programme. Students are trained to practice calmness and

self-control through a disciplined approach to posture, breathing and silence. Our assemblies are always framed by Christian prayers and readings and contain content which is designed to stimulate students from all world faiths or none.

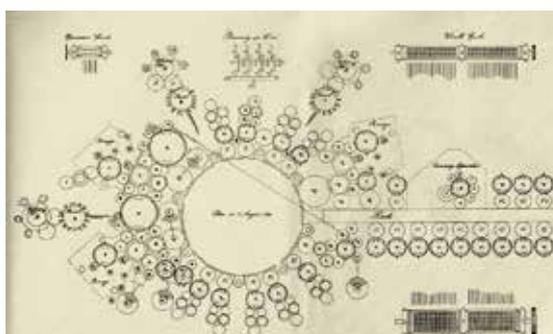
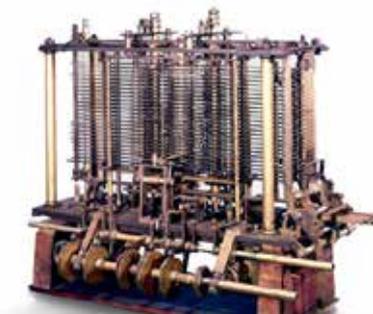
In this sense, Ada Lovelace CofE High School will be a very inclusive community. Its practice for whole school worship, including school communions has been developed in the culturally mixed environment of William Perkin and provides space for all within a clear spiritual and moral framework.

A Separate Identity

Although undoubtedly it has been an advantage for the new school to spend its first years under the wing of an already outstanding organisation, Ada Lovelace CofE High School already has a strong identity of its own.

Students have their own distinctive uniform with a badge whose distinctive icon represents the 'analytical engine' designed by Charles Babbage, whose potential application Ada Lovelace so famously developed.

Form tutors, with whom they will build a strong pastoral relationship, along with a number of key staff have moved with them to the permanent site.



Starting life at William Perkin has given Ada Lovelace CofE High School the best possible foundation for its future growth.

From 2018-20, while the school is hosted at the William Perkin site, the schools shared their teaching staff. This has given Ada Lovelace

the headstart of an experienced teaching team which has achieved exceptional results in William Perkin's GCSEs results.

A full team of staff were recruited during the past year, a number of whom have been trained and won their spurs at either Twyford

or William Perkin. The teacher teams across the Trust work closely together sharing training and resources and this will help the school make a flying start on the permanent site.

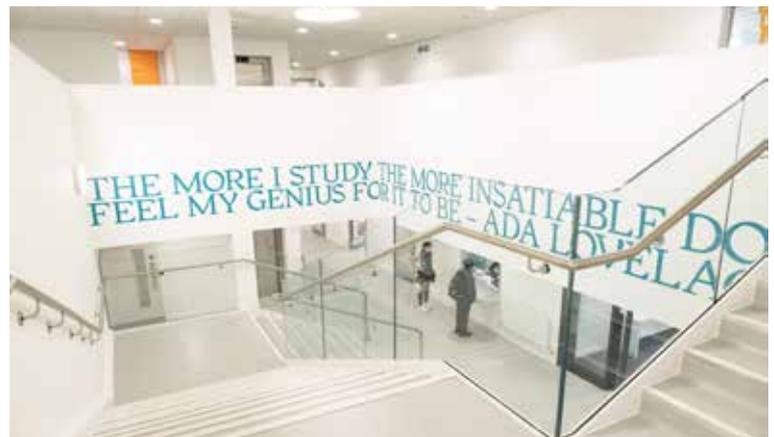


The plans for Ada Lovelace CofE High School have been driven by the desire for a school which serves a particular local community. The admissions arrangements for the new school are therefore based on geographic criteria with the admissions distance being measured from the school site.

10% of the places available at the school are for students with specific aptitude in Languages. The aptitude test will be the same as the one held at William Perkin and it will not be necessary for students applying for language scholar places at both schools to take two sets of tests.

The permanent building will have its own performance and sports halls and outdoor pitches as well as state of the art accommodation for Computing, Digital Art and Music Technology.

Facilities have been designed for community use and good relations have already been forged with Ealing Cricket Club and other local organisations. We look forward very much to becoming a hub for the local community it was set up to serve.



The story behind our marque

Mitre

Bishop's mitre represents the Twyford CofE Academies Trust connection with the London Diocesan Board for Schools. Ealing Fields High School is part of a wider family of schools which gives it a greater pool of experience and support from which it can draw.

10:10 Ethic

X:X in Roman Numerals represents our ethic of life lived to the full. It comes from John 10v10; 'I have come that you might have life, and have it to the full'.



Crown

The crown represents our geographic connection with the historic county of Middlesex. We are very proud to be a local school for local people.

Analytical Engine

Ada Lovelace made the leap that recognised the world's first computer could be coded to do all kinds of things, that leap was the start of all computer programming that continues today – it is called 'Lovelace's Leap'.



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