



Prospectus



Ada Lovelace
C of E
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 takes pride in developing both technical expertise and creative applications and encouraging students to Make the Leap, as Ada herself did.

In September 2020 the community moved from their temporary home at William Perkin and took possession of its glamorous new building in North Ealing. Ada Lovelace CofE High School now has 200 places available for Year 7 intake each year.

Ada Lovelace CofE High School is 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.

The oldest students in the school have now embarked on GCSE courses and we are already planning their post-16 courses at the Trust and beyond.

We look forward to welcoming the new intake as they join this positive and aspirational community.

Dame Alice Hudson,
Executive
Headteacher



A Special Identity

It has been a great privilege to have had the opportunity to establish Ada Lovelace CofE High School as a centre of excellence for the local community having had the previous experience of launching William Perkin CofE High School within the Trust.

Although undoubtedly it was an advantage for the new school to have been launched as part of an already highly-successful 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.

Our brand new building makes a very positive statement about the ambition of the school and its particular character as being outward looking and inspired by innovation.

We have attracted a very able and motivated staff body – some of whom have come with experience of teaching at other Trust schools.

Already the senior team and I are engaged in the planning of the school's sixth form. It will have the same specialism in Digital Technology and we are working with industry partners to ensure that our students have a headstart in routes into technical courses at higher education and employment on the back of the specialist skills which they develop.

Ada Lovelace students will also have the advantage of priority access to the wider range of A-levels offered at the existing sixth forms at both William Perkin and Twyford schools.



Keir Smith
Headteacher

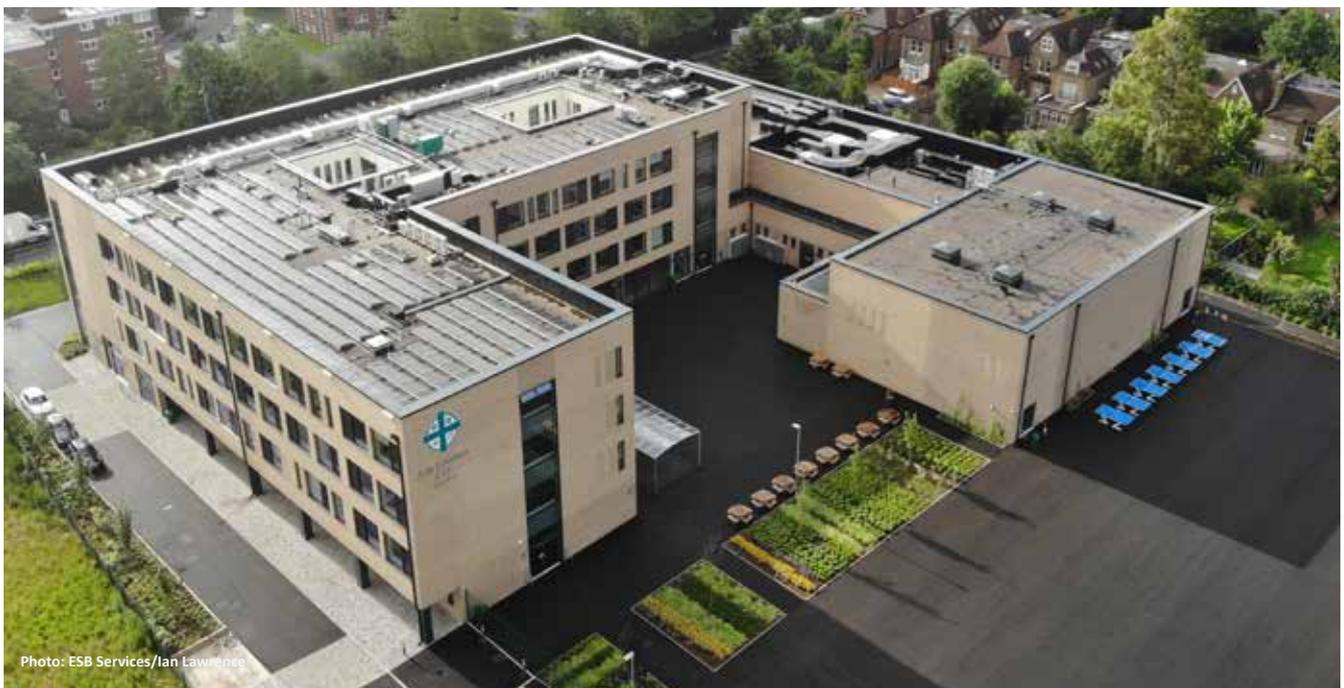
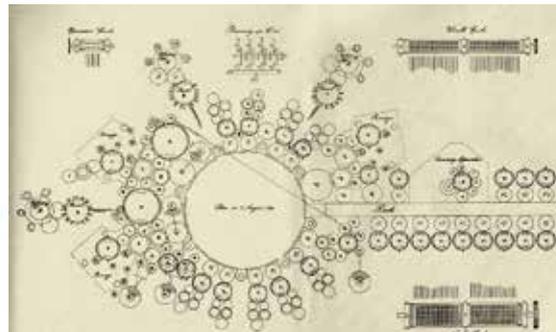
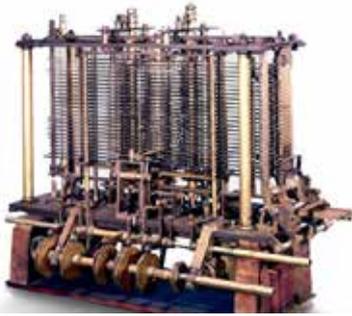


Photo: ESB Services/Ian Lawrence



Its specialism in digital technologies has made Ada Lovelace CofE High School the curriculum lead in this area for the Trust. Ada Lovelace has already piloted a self-directed study programme in computer programming for all its own students which, from September 2021, will be followed by all the schools in the Trust.

Ada Lovelace CofE High School has 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 is longer than in many schools, 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.

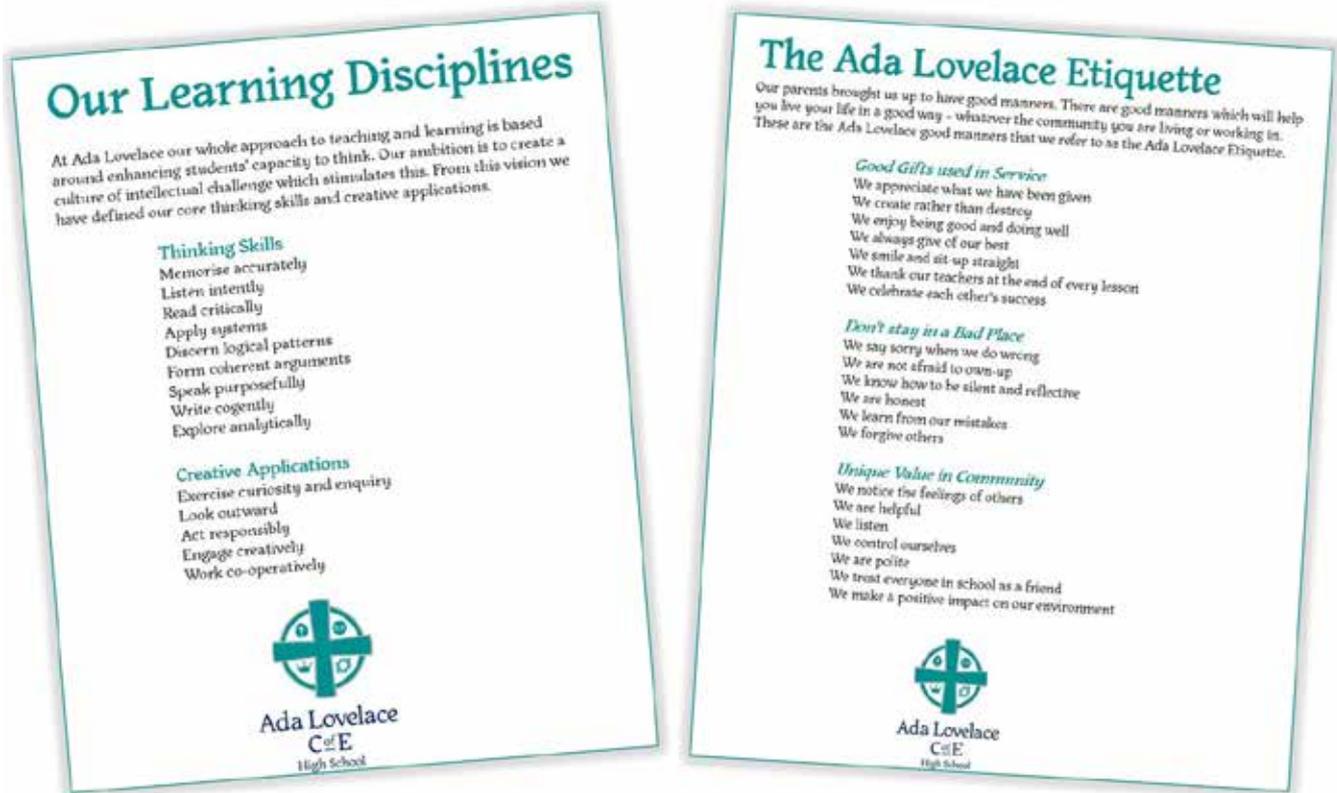
Students are set ‘lesson prep’ in every lesson to ensure that they are well positioned for the next day’s learning. The school places a strong emphasis on independent learning from the start of Year 7 as this establishes a very important habit for future years.

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.



Development of the Whole Person

Students benefit from very strong pastoral systems which were developed first at Twyford and then extended to William Perkin and more recently the newer schools in the Trust.

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 has a strong positive culture which emphasises 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. We welcome all families who are drawn to the Trust's distinctive ethos and values.

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

Ada Lovelace CofE High School was founded on the desire for a school to serve a particular local community. The admissions arrangements 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 is held at Ada Lovelace in 2021 and it will not be necessary for students applying for language scholar places at both schools to take two sets of tests.

Ada Lovelace CofE High School prides itself in being a school with strong community links. We have already developed partnerships with Ealing Cricket Club and Trailfinders and have close links with the Ealing Junior Music School and Ealing Youth Orchestra.

Our school has 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 we have a very active PTFA who are looking forward to embracing their potential with various activities throughout the year. We look forward to becoming a hub for the wider local community the school 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. Ada Lovelace CofE 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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