



AISL  
HARROW  
SCHOOLS  
哈罗学校

# DIGITAL FUTURES

Going Further and Faster in an AI-Shaped World



# The Vision

## A Guaranteed Standard of Excellence

Digital Futures is our commitment to excellence in a rapidly evolving world. Our vision is to create the leading digital education ecosystem, where every pupil is Future Ready with the technical mastery, creative agency and ethical judgment to lead in a technology rich society.

We provide a guaranteed and rigorous standard of digital excellence for every pupil across every campus from Early Years to Sixth Form. This is a core pillar of a Harrow education which ensures our pupils move beyond being passive users of technology to becoming its architects.

*"Digital Futures is our commitment to excellence in a rapidly evolving world.  
Our vision is to create the leading digital education ecosystem."*



Scan to watch the videos:



English version



Chinese version

# Digital Futures

## Our Strategic Response

Digital Futures is AISL Harrow's group wide approach to transformation in education. It is a whole school ecosystem that aligns what pupils learn, how teachers develop, and how schools strengthen their digital maturity.

### TRANSFORMATION

Every pupil progresses through five pathways.

Every teacher develops digital pedagogy.

Every school achieves digital maturity.

### EXCELLENCE

Pupils benefit from world class partnerships and authentic opportunities beyond the classroom.

Teachers are supported by coherent professional learning.

### LEADERSHIP

AISL Harrow Guangzhou serves as our centre of excellence.

Strategic partnerships bring credibility, expertise and prestige.

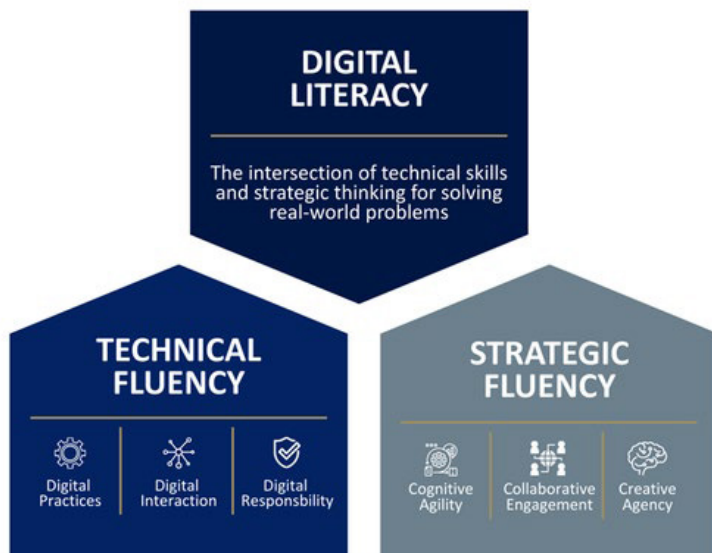


# Technical + Strategic Fluency

## Symbiotic Intelligence

At the heart of Digital Futures is a shift from simply using technology to developing a symbiotic relationship with it. We prepare our pupils for a future defined by symbiotic intelligence, which is the powerful intersection of human creativity and machine capability.

Our framework balances two distinct fluencies to navigate this relationship:



**Technical Fluency (The How):** The operational ability to code, build, design and create using industry standard tools including generative AI and machine learning environments.

**Strategic Fluency (The Why & When):** The higher order thinking required to interrogate AI outputs, reason ethically and make informed decisions about when to lead with human intuition and when to leverage machine power.

*"We prepare pupils for a future defined by symbiotic intelligence — the powerful intersection of human creativity and machine capability."*

# The Digital Futures Ecosystem

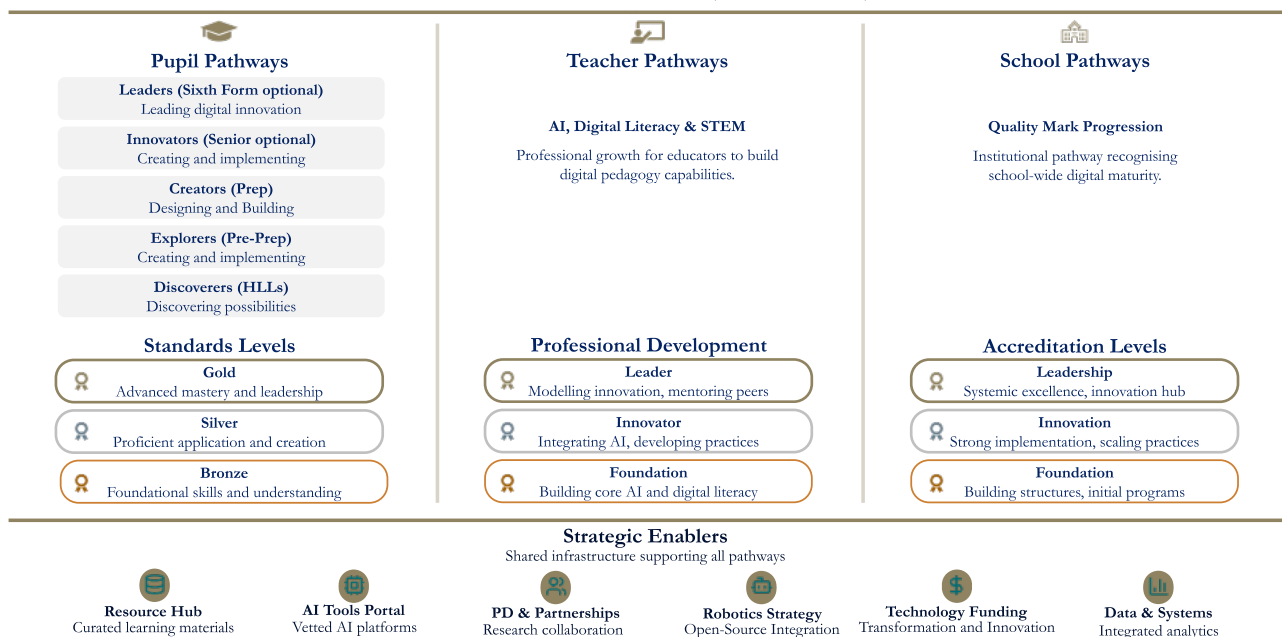
## Three Interdependent Pathways

Our strategy is built on three interdependent pathways:

1. **Pupil Pathways:** A coherent journey of digital discovery and mastery.
2. **Teacher Pathways:** Building professional excellence and pedagogical leadership.
3. **School Pathways:** A roadmap to institutional digital maturity and innovation.

When these three move together, innovation becomes sustainable and impactful.

### DIGITAL FUTURES ECOSYSTEM INTEGRATED PATHWAYS FOR PUPILS, TEACHERS, AND SCHOOLS



*When pupils, teachers, and schools progress together, transformation becomes sustainable and excellence becomes the standard.*



# The Five Pupil Pathways

## Breadth of Expertise Across the Digital Landscape

Our pupil provision is built on five interconnected pathways to ensure a breadth of expertise spanning the entire digital and AI landscape.



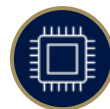
### AI & DATA LITERACY

Mastering the mechanics of intelligent systems and the power of data driven decision making to foster a critical and symbiotic partnership with AI.



### DIGITAL LITERACY

Focusing on professional productivity, information verification and the management of a sophisticated digital identity in a complex online world.



### COMPUTATIONAL THINKING & PROGRAMMING

Moving from logical foundations and algorithmic design to advanced software engineering and the creation of robust digital systems.



### ENGINEERING & ROBOTICS

Bridging the physical and digital divide through CAD design, complex circuitry and the integration of AI driven autonomous systems.



### DESIGN & MEDIA

Developing high fidelity digital production and UI or UX design skills using professional grade creative workflows and AI assisted design tools.





# The Learner Journey

## Global Standards and Pre-University Mastery

Across all five pathways, progression and assessment are aligned to internationally recognised frameworks and standards to ensure rigour, transferability and credibility beyond any single campus. At the Leaders (Sixth Form) phase, our expectations are benchmarked against first year introductory courses at the world's leading universities. We challenge our senior pupils to think like an undergraduate, moving beyond functional competence to engage with the conceptual depth, methodological rigour and critical inquiry expected at the highest academic levels. This ensures that Harrow pupils transition to university not merely as proficient users, but as scholars of the digital age.

Our pupils embark on a coherent journey of discovery and mastery, where their relationship with technology evolves from guided exploration to leadership.



### **Discoverers (Early Years)**

Cultivating curiosity through guided digital play and recognising smart patterns.



### **Explorers (Pre-Prep)**

Developing independence in creating digital solutions and interacting safely with technology.



### **Creators (Prep)**

Designing and building purposeful and high-quality digital artefacts and training simple machine learning models.



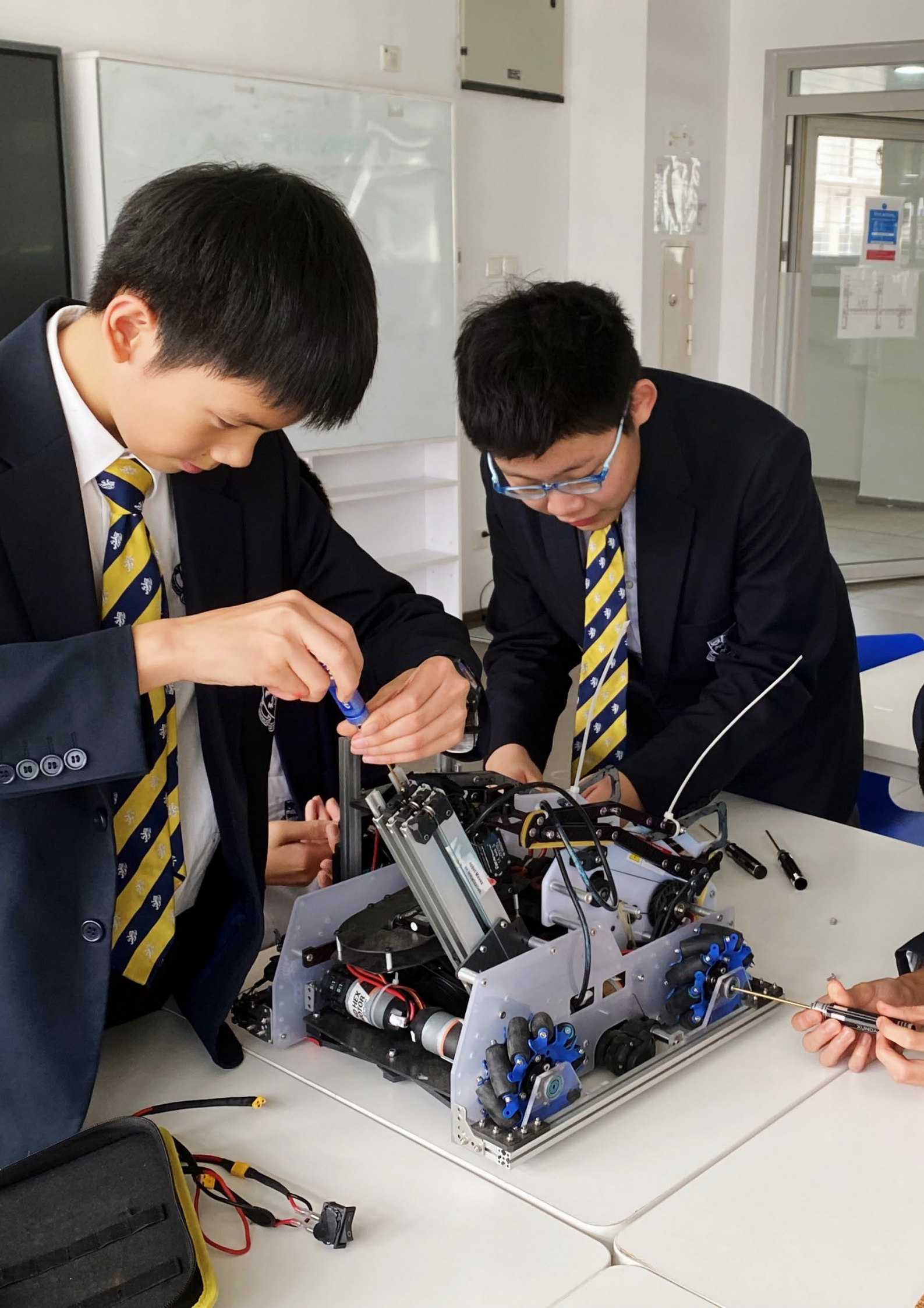
### **Innovators (Senior)**

Applying sophisticated logic, critical analysis and systems thinking to complex digital and AI projects.



### **Leaders (Sixth Form)**

Achieving pre-university mastery while leading innovation and conducting rigorous research at a global standard.



# Assessment

## The Digital Portfolio and The Viva

Assessment in Digital Futures is authentic, rigorous and evidence based.

### THE DIGITAL PORTFOLIO

Every pupil maintains a Digital Portfolio, which is a curated record of technical achievements and AI projects that supports university applications and future career pathways.

- ▶ Technical achievements
- ▶ AI projects and research
- ▶ Creative digital work
- ▶ Collaborative projects
- ▶ Leadership initiatives

### THE VIVA

From Prep onwards, pupils undertake a Viva Voce. This is a formal professional defence where they must articulate their logic, justify technical choices including the use of AI and demonstrate ethical reasoning to a panel.

- ▶ Articulate technical logic
- ▶ Justify AI usage
- ▶ Demonstrate ethical reasoning
- ▶ Defend design choices
- ▶ Present to expert panel

*"Assessment is not just about what pupils know, but how they think, create, and lead in a digital world."*

# Teacher Pathways

## Professional Excellence

World class digital provision requires world class professionals. Our Teacher Pathways ensure that staff development is targeted, portable and focused on the classroom.



### FOUNDATION

Baseline credentials for all teachers in Digital Pedagogy, Critical Media and AI, and Data Informed Practice.



### INNOVATOR

Specialists who lead pathway specific professional development linked to the National Professional Qualification (NPQ).



### LEADERSHIP

Whole school implementation and strategic digital leadership linked to the International Professional Certificate in School Leadership (IPCSL).

## The Foundational Certificates

Every AISL Harrow teacher works towards three core certificates:

- ▶ **Certificate in Digital Pedagogy:** Focusing on learning design and inclusive digital teaching.
- ▶ **Certificate in Critical Media & AI:** Focusing on information verification and ethical AI use.
- ▶ **Certificate in Data - Informed Practice:** Focusing on using evidence to improve pupil outcomes.



# School Pathways

## The Quality Mark

The Digital Futures Quality Mark is our group wide framework for strengthening and validating digital maturity across AISL Harrow schools. It is designed to support improvement, assure consistency and provide an evidence-based view of progress over time.

### Five Domains of Digital Maturity



#### LEADERSHIP

Strategy, culture, governance and accountability



#### CURRICULUM

Coherence, progression, assessment and impact



#### PEOPLE

Capability Building, professional learning and role clarity



#### INFRASTRUCTURE

Platforms, reliability, security and sustainability



#### DATA

Systems, information quality, analytics and decision making

- Schools progress through three maturity levels:

**Foundation, Innovator and Leader.**

# The Critical Gates

## Rigour & Safety

Within the Quality Mark, we apply **Six Critical Gates**. These are essential standards that safeguard pupils and ensure that innovation is built on secure foundations. If any Critical Gate is not secure, it caps the level a school can claim.

### SAFEGUARDING

Advanced online safety protocols and appropriate filtering and monitoring

### DATA PRIVACY

Full PIPL or GDPR compliance and rigorous vendor due diligence.

### SECURITY

Enterprise grade security and disaster recovery.

### GROUP ALIGNMENT

Compliance with AISL group technology policy.

### SINGLE SOURCE

Governed data systems and MIS integration to establish a single source of truth.

### INTEGRATION

Integration with group wide analytics platforms.

*"Innovation must be built on secure foundations. The Critical Gates ensure that excellence never compromises safety."*

# Innovation

## Going Further and Faster, Together

Digital Futures is more than a curriculum; it is a commitment to our pupils' futures. By aligning our pupils, our teachers, and our schools, we ensure that the Harrow legacy continues to lead, preparing Future Ready pupils for a digital age.

### Values - Driven Innovation

Our core values—Courage, Honour, Humility and Fellowship—are the lens through which we engage with technology. We teach pupils to use digital and AI power with Honour and to consider the impact of their innovations on the wider community through Fellowship.

### The Engine of Innovation

AISL Harrow Guangzhou serves as our Centre of Excellence and the engine where new pathways and resources are trialled and refined. Strategic partnerships with institutions such as UCL and LSE ensure our provision remains at the global frontier of digital education.







## Contact Us

For more information about Digital Futures and how it is transforming education across AISL Harrow Schools, please visit our website or contact your local campus.

**ASIA INTERNATIONAL SCHOOL LIMITED**

35/F, OFFICE TOWER • CONVENTION PLAZA • 1 HARBOUR ROAD • WAN CHAI • HONG KONG

 AISL Group      **iQIYI** AISL Harrow Schools

 AISL Harrow 哈罗学校    **小红书** AISL 哈罗

**aislharrow.com**

© 2026 Asia International School Limited

You may not copy, reproduce, distribute, publish, display, perform, modify, create derivative works from, transmit, or otherwise exploit any part of the copyrighted material contained in this document in any form.