

SPARK

AI-native learning programme



2026

think with AI and
build beyond it

AI isn't a subject

It's a layer on top of every subject — and it raises every student's ceiling

When calculators entered classrooms, mathematics didn't disappear — it became more powerful. Students stopped burning twenty minutes on long division and started solving real problems. AI is that moment, for every subject, happening right now.

The Ceiling

A student with AI in Math can model real-world problems. In History, they can analyse primary sources in seconds. In Art, they can explore a hundred ideas before committing to one. The subject doesn't change. The student's ceiling does.

The Gap

A gap is forming between students who know how to think with AI and students who don't — and it will define careers, businesses and lives. Students who learn this early don't just do better in school: they think differently, solve differently, become different. Spark exists to close that gap before it opens.

The Spark

The Spark is an AI-native learning programme designed to train students to navigate AI era and equip them to apply AI across real subjects, real projects, and real-world problem solving — responsibly, confidently, and visibly.

“88% of students already use AI. 67% say it's harming their own critical thinking and suffer from information Toxicity. More than 70% of educators have had no training to guide them.”

- edtechinnovationhub, UK

The Spark Model

A Defining Moment for Education

Spark combines four integrated pillars into one unified programme. Each pillar reinforces the others, so learning never stops at exposure — it progresses through a complete cycle:

**LEARN → PRACTISE → BUILD →
DOCUMENT → PRESENT**

1. Spark OS — The Learning Platform

A school-deployed, AI-native learning environment built specifically for the host school with their learning curriculum embedded. Not a public chatbot, not an open internet tool, and not a traditional LMS — a governed digital layer where every interaction is safe, age-appropriate, and visible to the school.

2. The Spark Curriculum — The Learning Journey

A structured annual pathway delivered in one session per week across four quarters: Understand AI, Create with AI, Solve with AI, and Lead with AI. Students move from critical understanding to creative application to genuine problem solving.

3. The Spark Lab — Where Ideas Become Real

A hands-on build environment — robotics, sensors, computer vision, prototyping, and sustainability projects — where students turn concepts into working demonstrations. The Lab makes invisible learning visible.

4. The Annual AI Faire — The Showcase Moment

The culminating public event of the year. Students present their projects to parents, teachers, leadership, and invited guests — giving your school a powerful, authentic innovation story.

What Makes Spark Different

Students do not use AI simply to get answers. They learn to ask better questions, think more clearly, verify what they are told, and produce work they can explain and defend in public. Schools do not receive a tool and a licence — they receive a complete model: programme design, platform, curriculum, facilitation, lab methodology, reporting framework, and showcase event, delivered as one coherent system.

Spark OS

The AI-native learning operating system for schools

Spark OS is the operating layer of the entire programme. Below is what it provides — and what each capability means for your school.

Capability	What it does	What it means for your school
The Prompt Arena	Guided and evaluated, prompt and context engineering section that teach clarity, context, and iterative thinking	Students build genuine AI communication skills, with scores and expert benchmarks
Adaptive AI Mentor	A personal AI mentor bounded by your school's curriculum — answers are calibrated to each student's grade level and pace	Individual guidance at scale, without noise or overwhelm
The Curiosity Engine	A daily feed of short, source-cited knowledge cards. That opens a new world of intellectual discovery	Every student's interests become visible. Early signals for subject choice, career guidance and pastoral support
Code Studio	Students describe what they want to build in plain English or Arabic and are guided to working code	The technical barrier drops; creativity rises
The Playbook	A living digital portfolio: best prompts, projects, reflections, media evidence, and capstone work	A visible, documented record of every student's growth
Problems Bank	A curated library of real-world challenges — community and industry sourced — for capstone projects	Students solve problems that matter, not toy exercises
Leadership Dashboard	Attendance, challenge progress, skill growth patterns, portfolio tracking, and monthly reports	Clear evidence of implementation and impact, ready for boards and parents

The Evidence

Innovation you can prove to stakeholders

The Year at a Glance

Theme		Students will explore
Quarter 1	Understand AI	What AI actually is · pattern recognition · prompting as a skill · hallucinations and verification · AI ethics · AI for research and subject learning
Quarter 2	Create with AI	Writing support · design and visual creation · AI-assisted presentations · voice and video projects · data interpretation · building a personal AI tool
Quarter 3	Solve with AI	Students choose real problems and design AI-supported solutions through research, planning, prototyping, testing, and iteration
Quarter 4	Lead with AI	Refining work · preparing exhibits · presentation confidence · mentoring younger students · presenting at the Annual AI Faire

What Students Build

Every student finishes the year with real, demonstrable output by grade band

Grades 5–7 : Gesture-controlled games · Smart plant diagnosis tools · Voice-activated devices · AI logic and classification activities

Grades 8–10 : Subject-based AI assistants · Air-quality monitoring tools · Robotics and sensor builds · Data storytelling and AI-ethics exhibitions

Grades 11–12 : Smart hydroponic systems · Health-related prototypes · Solutions to real world challenges

The Annual AI Faire

The year culminates in a public showcase where students present their work to parents, teachers, school leadership, invited guests, and media. The AI Faire strengthens student confidence, deepens parent engagement, and positions your school publicly as a forward-looking institution — with authentic student work as the proof.



AI-Native Learning

Think with AI. Create with AI. Build beyond it.



Safety and Governance — Built In, Not Bolted On

For a school, safety isn't a feature. It's the precondition.

- **No information toxicity** — Open AI tools flood students with unbounded, unverified, age-blind information. Spark OS responses stay inside your curriculum and the student's grade level.
- **Monitored, not just filtered** — Every interaction is content-filtered in real time, logged in full, and reviewable by designated school staff at any time.
- **Locked by design** — No open-internet chatbots. Students cannot see or override the system's instructions.
- **Data protection** — Built to UK and EU GDPR standards.

The Ask

Designed to add nothing to your teachers' plate

WHAT SPARK BRINGS	WHAT WE ASK OF YOUR SCHOOL
• Complete programme design and annual curriculum • Spark OS platform, deployed and managed • Trained facilitators and session delivery • Lab methodology and project frameworks • Monthly leadership reporting • Full design and delivery of the Annual AI Faire	• One session per week in the timetable • A committed point of contact • A room for lab and showcase activity as the programme grows • A willingness to prepare students for the future in a structured way

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**You bring the students.
We bring the transformation.**