FUTURESMART CHALLENGES

EXPLORE AI, CODING, AND ROBOTICS WITH ENGAGING HANDS-ON EXPERIENCES FOR STUDENTS.

JOIN US FOR AN EXCITING JOURNEY

Starting September 2025 at USI School

- **AI CHALLENGES**
- **CODING SKILLS**
- **ROBOTICS PROJECTS**
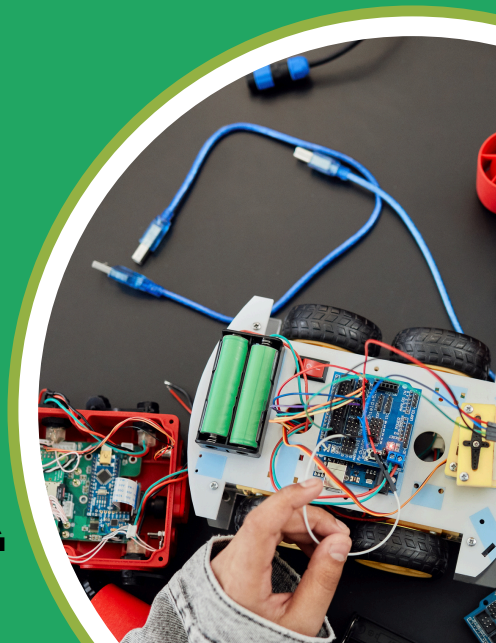- **HANDS-ON LEARNING**
- **CREATIVE THINKING**

FutureSmart Innovations

FutureSmart empowers children to explore technology through engaging and interactive challenges. Our programs focus on developing critical skills in AI, coding and robotics, developing creativity and problem-solving abilities that will benefit them in the future.

Our trainers introduce core coding concepts, starter robotics and safe, age-appropriate AI tools. Learners plan, build and test practical solutions in teams, developing logic, creativity and collaboration. The term culminates in a "Tech Futures Expo" for families. Year groups and timings will be confirmed once interest is gathered.
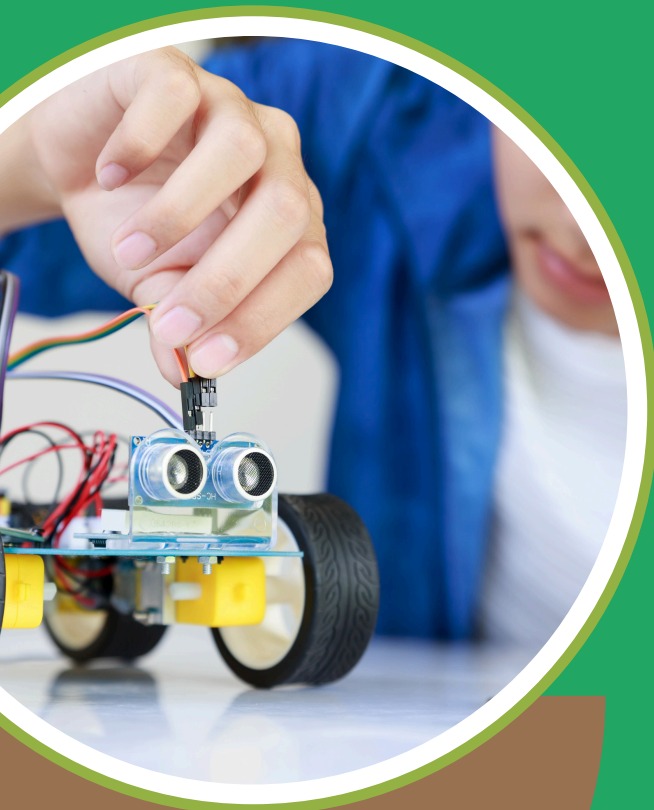
What Will Students be Learnng?

Pupils tackle bite-sized challenges with block-based coding, sensors and beginner-friendly AI tools. We focus on problem solving and creativity rather than heavy theory, so every child leaves with something they built and can explain.

ILM EDUCATION CONSULTANTS
KNOWLEDGE IS POWER

JOIN US FOR THIS EXCITING JOURNEY!

Key Outcomes

- Understand inputs, outputs, sequences and simple loops
- Apply basic problem-solving with debugging and testing
- Explore safe, age-appropriate AI tools for ideation and visuals
- Collaborate in pairs and small teams
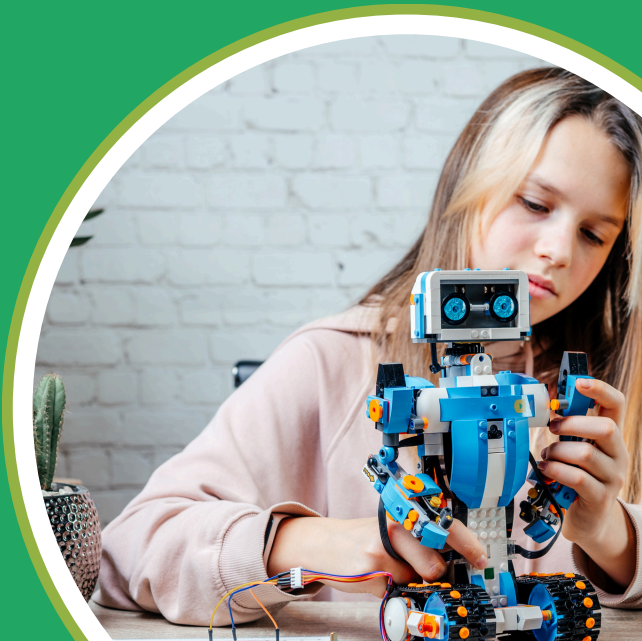- Present a working demo with clear explanations

A TYPICAL TERM:

Based on a Year 3 Group

- Week 1: Think like a maker — design cycle, safe tech use
- Week 2: Code basics — sequences, events, simple animations
- Week 3: Inputs & sensors — interactive mini-build
- Week 4: Robots move — simple navigation challenge
- Week 5: AI assist — using an age-appropriate tool to plan or prototype
- Week 6: Improve it — debugging and iteration
- Week 7: Polish & present — poster or one-page explainer
- Week 8: Tech Futures Expo — family demos and certificates

What is Included?

- Tutor-led challenges, devices/kits provided in class
- Project sheet each week, end-of-term certificate
- Bring your own Device!

SAFEGUARDING & SUITABILITY

DELIVERED BY QUALIFIED, POLICE-CHECKED TUTORS.

ACTIVITIES ADJUSTED TO COHORT EXPERIENCE.

(YEAR GROUPS TBC BASED ON INTEREST)

Limited Spaces!

When? Where? Price?

United International School (USI)
(Day and time to be confirmed)

80 QAR per session to be paid termly.
Sibling discounts 10%

Register

To register your child, please email
info@ilmeducationconsultants.com

ILM EDUCATION CONSULTANTS
KNOWLEDGE IS POWER