



55

عام الأسرة
YEAR OF FAMILY
٢٠٢١ UAE



المؤتمر العلمي الصيفي 2026
بمركز الفجيرة العلمي

FUJAIRAH SCIENCE CLUB

SUMMER CAMP 2026

EXPLORE • LEARN • INNOVATE • LEAD

An inspiring scientific environment to develop skills, discover talents, and innovate in science, technology and beyond.

INFORMATION TECHNOLOGY & PROGRAMMING



- Cybersecurity & Digital Sovereignty
- Cyber Defense Strategies
- Innovation Governance & Digital Transformation

ARTIFICIAL INTELLIGENCE & ROBOTICS



- AI Fundamentals
- Robotics Programming
- Practical Projects
- Robot Soccer Competition

AVIATION & SPACE SCIENCES



- Fundamentals of Flight & Aerodynamics
- Flight Physics Experiments
- Flight Simulator Training
- Kite Aircraft Design
- Science Competitions
- Field Visit (Fujairah Airport / Aviation Academy)

INDUSTRIAL & TECHNICAL SKILLS



- Device Maintenance & Repair
- Solar Powered Water Desalination
- Recycling in Manufacturing

DESIGN & MAKING



- Electroplating
- Electro Rust Removal
- Make a Battery with Simple Materials

EXCITING ACTIVITIES



Science Shows & Educational Films



Adventure & Challenges



Educational Field Visits



Sports & Recreational Activities



Community Initiatives & Service

DAILY SCHEDULE



MORNING SESSION
09:30 AM - 12:30 PM



EVENING SESSION
04:30 PM - 07:30 PM

Cultivating minds .. Building the future



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Outstanding Experiences



Hands-on Workshops



Safe & Inspiring Environment



Certified Certificates



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Fifth Summer Camp 2026

Period: July 7 – July 17, 2026

Location: Fujairah Science Club

Schedule:

Morning: 09:30 AM – 12:30 PM

Evening: 04:30 PM – 07:30 PM

Introduction:

Due to the importance of utilizing students' free time in ways that enhance their scientific abilities and develop their creative skills, the Fifth Summer Camp at Fujairah Science Club offers a comprehensive training program combining theoretical learning with practical application in an engaging environment.

Program Objectives:

- Develop participants' passion for science, technology, and artificial intelligence.
- Discover and nurture scientific and technical talents.
- Train students to design and implement practical scientific projects.
- Enhance scientific thinking and engineering analysis skills.
- Promote teamwork and collaboration.
- Guide students toward suitable technical career paths.
- Encourage challenge and exploration in an educational environment.

Target Group:

- Club members and school/university students
- Age: 10 – 18 years

Training Tracks:

1. IT & Programming:

- Cybersecurity and digital sovereignty
- Cyber defense strategies
- Innovation governance and digital transformation

2. AI & Robotics:

- AI fundamentals
- Robot programming
- Practical projects
- Robot Soccer competition

3. Aviation & Space:

- Basics of aviation and aerodynamics
- Flight physics experiments
- Flight simulator training
- Paper aircraft design
- Scientific competitions
- Field visits (Fujairah Airport / Aviation Academy)

4. Industrial & Technical:

- Device maintenance and repair
- Solar water desalination
- Recycling in manufacturing

5. Design & Fabrication:

- Electroplating
- Rust removal using electricity
- Simple battery manufacturing

Activities:

- Educational field trips
- Sports and entertainment activities
- Theater shows and scientific films
- Community initiatives

Expected Outcomes:

- scientific projects
- Gain technical and practical skills
- Build confidence and teamwork
- Identify talented students

Evaluation:

- Workshop performance assessment
- Participation tracking
- Final project evaluation
- Competition judging

Closing Ceremony:

- Project presentations
- Participant recognition
- Certificate distribution