

Space and Youth in the UAE

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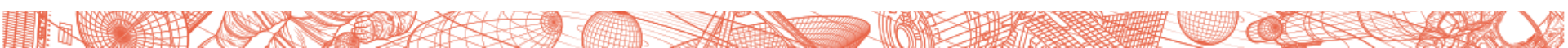
UNISPACE+50 Symposium
Space and Youth Panel
June 19th, 2018



The UAE's journey to space



Sheikh Zayed Meets Appollo team in 1976

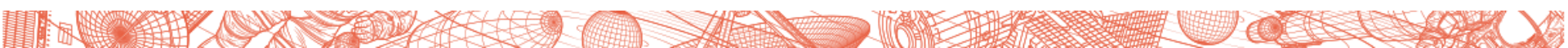


The UAE's journey to space



“We aim to position the United Arab Emirates among the world’s leading nations in space sciences before 2021. Our trust in God is big; our faith in the people of the UAE is great. Our resolve races with our ambitions, and our plans are clear. God willing, we are heading towards our goals.”

His Highness Sheikh Khalifa Bin Zayed Al Nahyan
President of the United Arab Emirates



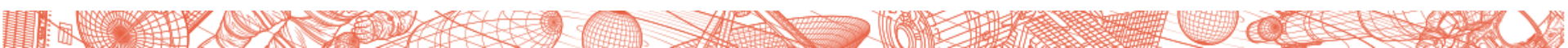
Overview of the UAE Space Program



3 Major
companies
operational



New domain for
UAE's Youth



Overview of the UAE Space Program

KhalifaSat is a remote sensing earth observation satellite that is built by emirati engineers.



Vice President and Prime Minister of the UAE and ruler of Dubai - Sheikh Mohammed bin Rashid inspects progress of KhalifaSat project



Overview of the UAE Space Program

STRATA **للصناعات**
A Mubadala Company

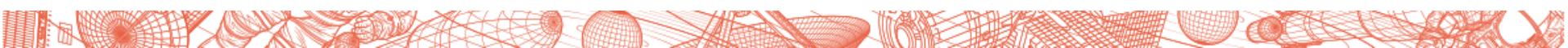


Industrial
companies



New domain for
UAE's Youth

توازن
TAWAZUN



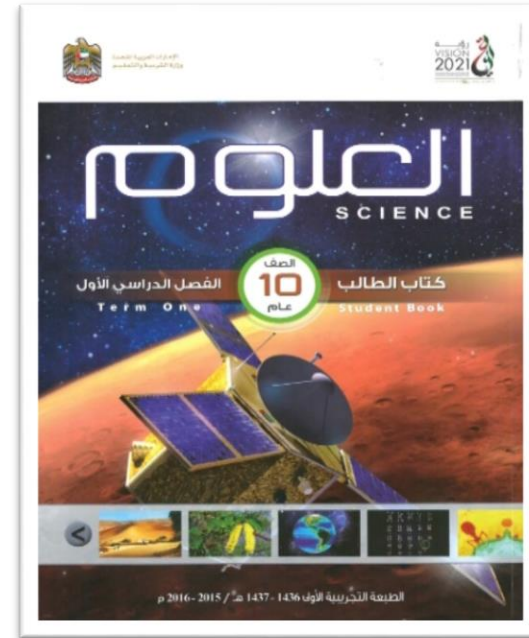
Overview of the UAE Space Program



Establishment of the UAE Space Agency in 2014



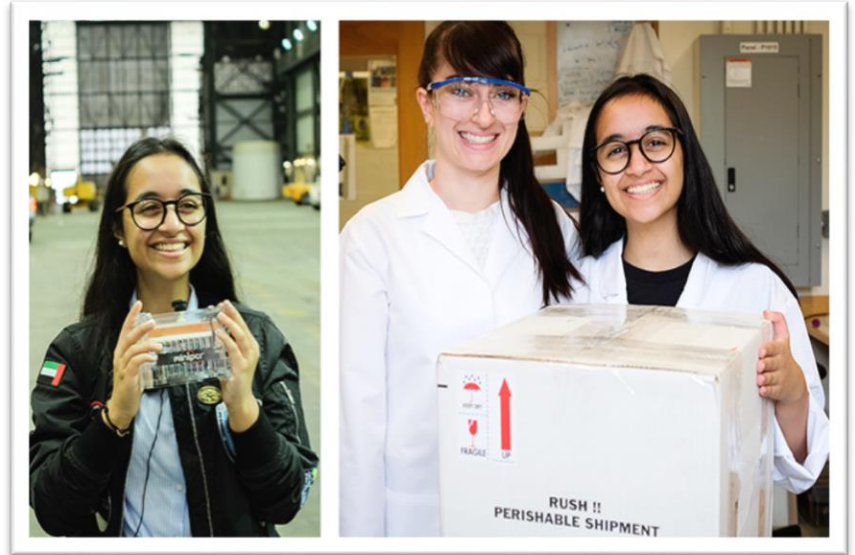
Space Education Program



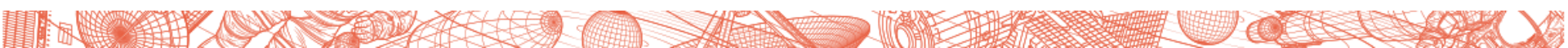
- Introducing new educational degrees to the local universities
- Organizing camps to educate students on space subjects
- Adding space subjects to the school curricular
- Scholarships abroad
- Supporting students inside the country



Space Education Program



**UAE Genes in Space competition:
Inviting students to design DNA experiments that address
challenges in space exploration.**



Space Educational and Research Centers

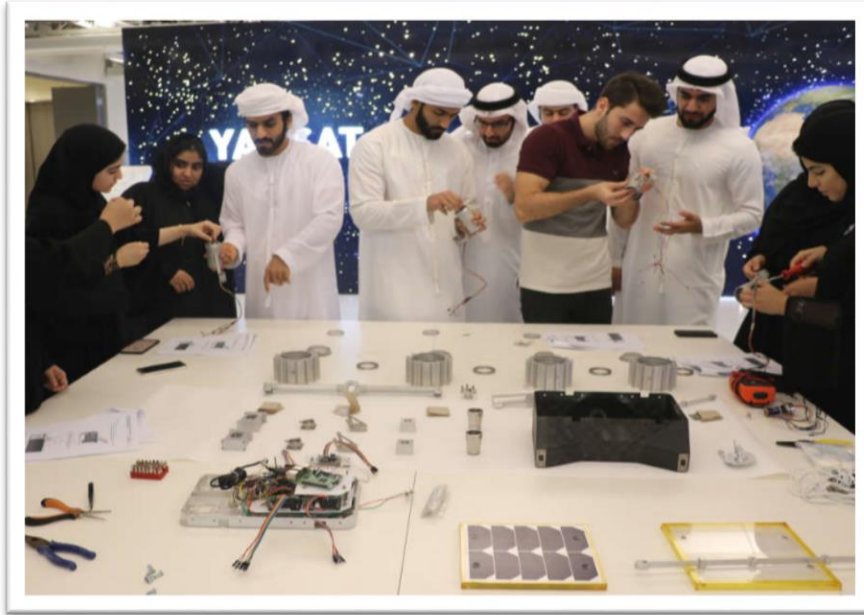


- SHARJAH CENTER FOR ASTRONOMY & SPACE
- (University of Sharjah)
- Has a Planetarium and Observatory
- Planning to design and produce a number of educational satellites

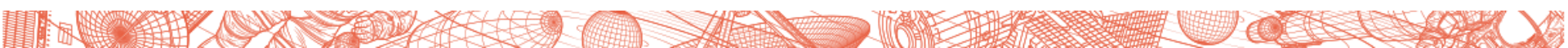
- NATIONAL SPACE SCIENCE AND TECHNOLOGY CENTER
- (NSSTC) (UAE University - Al Ain)
- Planning to produce a number of educational satellites



Space Educational and Research Centers



- (Yahsat) SPACE LABORATORY
- (Masdar Institute)
- Designs and produces educational satellites and has B.Sc program in space sciences
- Has some observatories and astronomy projects (UAE Observatory)





Satellite
Building
Projects



Emirates
Mars
Mission

Inspiring projects for the youth

UAE
National
Astronauts
Program

Mars
Project
2117



Public Awareness Program



Public Awareness Programs:

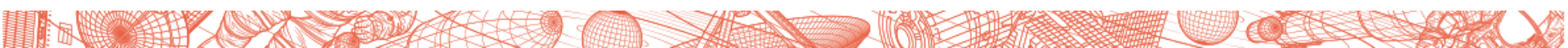
- Publications (Booklets, magazines, press interviews, etc)
- Presentations (hosting astronauts)
- Conferences and events
- Social astronomy activities
- Social media channels



Space Youth Council



Launch of UAE Space Agency Youth Council



Thank you

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