



Hudhud

The complete AI and drone curriculum for UAE schools.

Pupils learn how AI works, and how to build, code and fly real drones.



Fanoos
AI and
Technology



Saqqar
Drone Engineering and
Aviation

KG to Grade 12
American curriculum

FS2 to Year 13
British curriculum

UAE MoE aligned
AI Literacy Curriculum

Ready to teach
Schemes, rubrics, trackers



WHY HUDHUD

Ready for jobs that do not yet exist

65%

of today's primary pupils will work in jobs that do not yet exist. World Economic Forum

“Education is like a lantern which lights your way in a dark alley.”

Sheikh Zayed bin Sultan Al Nahyan

WHY SCHOOLS CHOOSE HUDHUD

- ◆ Complete and ready to teach
- ◆ One journey, KG to Grade 12
- ◆ Ethics and safety every year
- ◆ British and American, MoE aligned
- ◆ Real projects every term
- ◆ Delivered by your own teachers

WHAT HUDHUD IS

One programme. Two curricula.

Teach either on its own, or both together as one pathway.



Fanoos

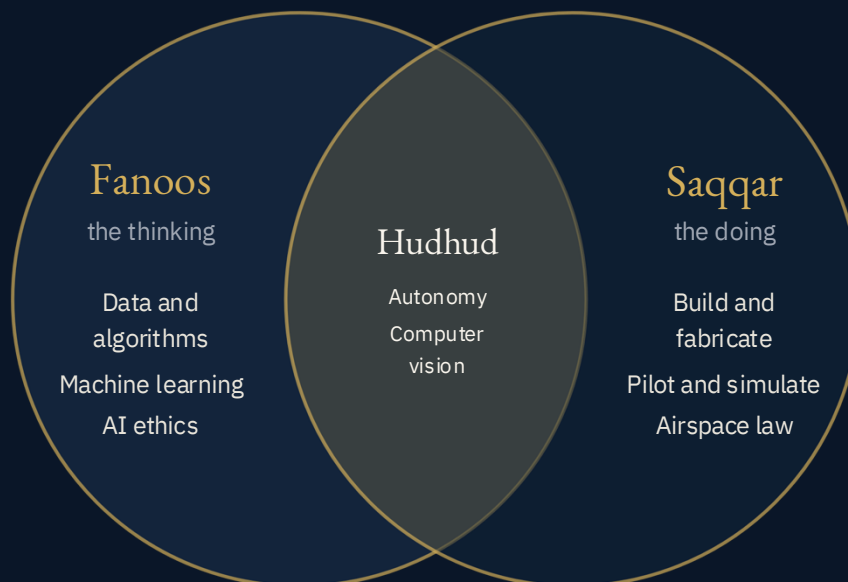
The AI and Technology curriculum



Saqqar

The Drone Engineering and Aviation curriculum

Each stands alone. Together, they take flight.



THREE WAYS TO ADOPT

Fanoos

AI and technology only

Saqqar

Drone engineering only

Hudhud

Both, with one licence and one tracker



FANOOS · THE LANTERN

The AI and Technology curriculum

How AI works, how to use it well, and how to question it.

Learn AI

Learn for AI

Learn with AI

Ethics every year

HOW THE BIG IDEAS GROW

KG to G2 · FS2 to Y2

Artificial or natural? Senses and sensors.

G3 to G5 · Y3 to Y6

Datasets, predictions and spotting bias.

G6 to G8 · Y7 to Y9

How machines learn, fairly and accurately.

G9 to G12 · Y10 to Y13

Neural networks, generative AI and deepfakes.



SAQQAR · THE FALCONER

The Drone Engineering and Aviation curriculum

Pupils learn to build, code, fly and command real aircraft.

Ground and Sim

Simulator first

Build and Fly

Supervised flight

Comply and Command

Licensable standard

A CAPSTONE TO CLOSE EVERY PHASE



G2 · Y3

Sky Explorers



G5 · Y6

Pilot Challenge



G7 · Y8

Payload Relay



G9 · Y10

Certification Flight



G11 · Y12

Risk Review



G12 · Y13

Build, Fly, Defend



MEET THE LEARNER

One child. Twelve years. A lifetime of impact.

At six, a child holds their first drone controller. At eighteen, they present their own aircraft to an industry panel. At thirty, they could lead drone operations for the nation.

STAGE 01 · AGES 6 TO 11

First flight, and mapping their school

STAGE 02 · AGES 11 TO 14

Energy from Above

STAGE 03 · AGES 14 TO 18

Seeds from Above

AGE 30

From Classroom to Command

This could be any child's story, if we give them the tools to write it.

The learner's journey is illustrative. It shows how the Hudhud curriculum progresses.



STAGE 01 • PRIMARY • AGES 6 TO 11

They map their school. They map their future.

Fanoos

How sensors work like senses, and that AI learns from people.

Saqqar

Sky safety, first code and a supervised first hover.

CAPSTONE • MAPPING OUR SCHOOL

Their team flies a mapping drone over the sports field and decides where a new park should go.

Collaboration matters as much as the technology.



STAGE 02 · MIDDLE YEARS · AGES 11 TO 14

Here, they find their purpose.

Fanoos

How machines learn from data, and how bias creeps in.

Saqqar

Python flight scripts and a first supervised FPV flight.



CAPSTONE · ENERGY FROM ABOVE

Their drone runs thermal imaging across 10,000 solar panels and finds three failing ones.

A mission they chose.



STAGE 03 · SECONDARY · AGES 14 TO 18

The beginning of their contribution.

Fanoos

Neural networks, generative AI and fairer systems.

Saqqar

Autonomous missions, risk assessment and a commercial exam.



SEEDS FROM ABOVE

Their drone maps and treats a reclaimed desert plot, row by row, and they present the data to experts.

BUILD, FLY, DEFEND

They build their own aircraft, fly it, and present it to an industry panel.



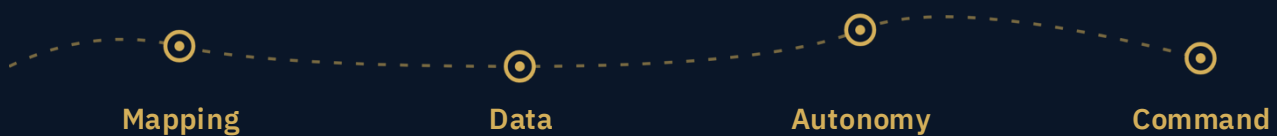


THE LEARNER AT 30

From Classroom to Command

Leading drone operations offshore, their drones inspect a platform and guide the crew safely in.

EVERY SKILL THEY USE BEGAN IN SCHOOL



FROM CLASSROOMS TO CAREERS



Aviation



Smart cities



Construction



Energy



Sustainability



Emergency response



Logistics



AgriTech



Media



AI and robotics



Data



Defence



A FULL CURRICULUM, NOT A COLLECTION OF LESSONS

Ready to teach from day one

KG to G12

or FS2 to Year 13

2 versions

British and American

MoE

AI Literacy aligned

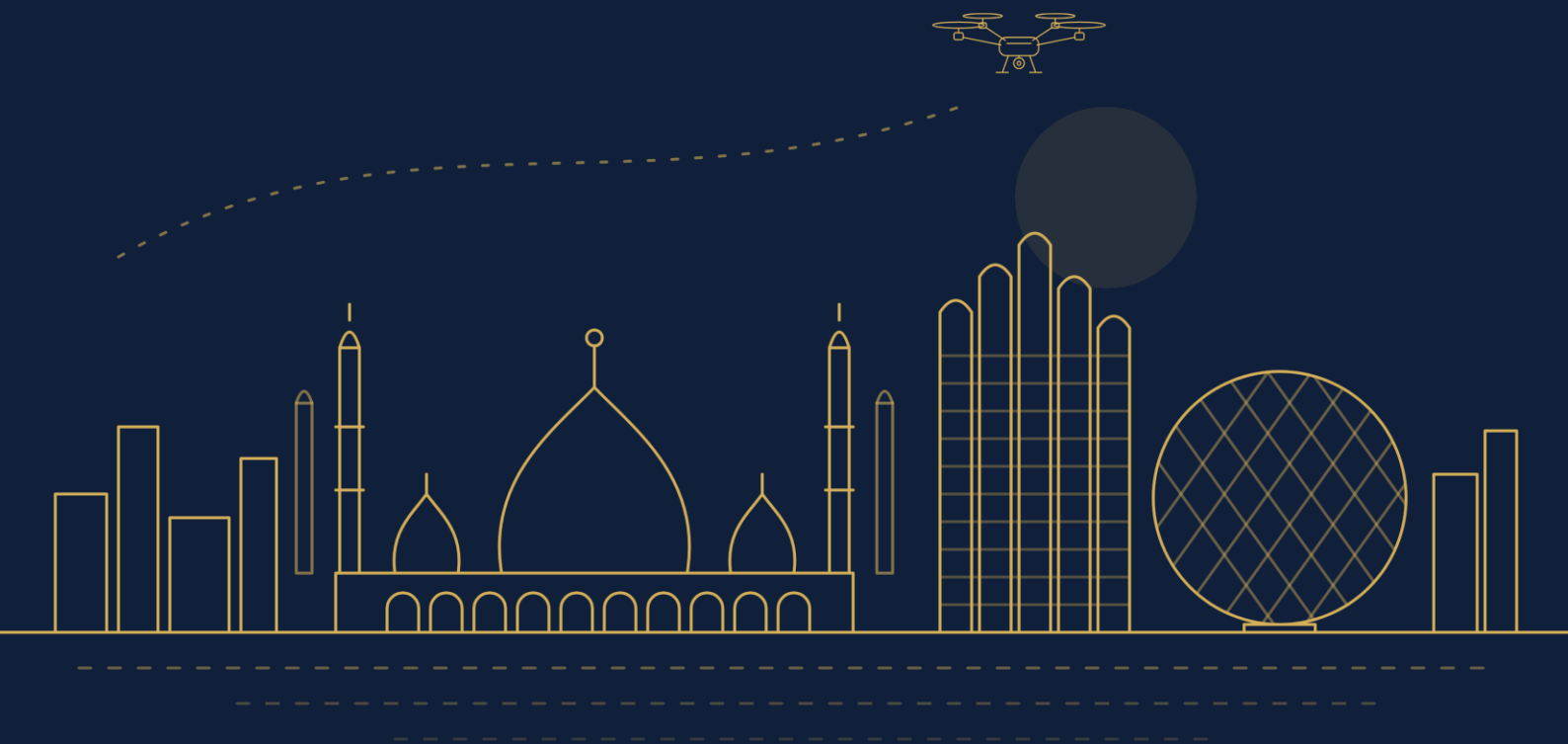
4 levels

one scale, one tracker

EVERY SCHOOL RECEIVES

- ◆ Schemes of work
- ◆ Scope and sequence
- ◆ Assessment rubrics
- ◆ Progress trackers
- ◆ Baseline diagnostics
- ◆ Teacher handbook

PHASE	BRITISH	AMERICAN	UAE MOE
Early years	FS2 to Year 2	KG to Grade 1	Cycle 1
Primary	Years 3 to 6	Grades 2 to 5	Cycle 1
Lower secondary	Years 7 to 9	Grades 6 to 8	Cycle 2
Upper secondary	Years 10 to 13	Grades 9 to 12	Cycle 3



LET'S TALK

Let's design your school's Hudhud pathway

Every journey starts somewhere.

- ◆ **Pilot programme:** start with one year group or phase
- ◆ **Curriculum mapping:** against your current provision
- ◆ **Grade-band pricing:** Fanoos, Saqqar or both

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Lighting the way for a generation that will build the future, not wait for it.



FANOOS



SAQQAR

A PROGRAMME BY
FOXGLOVE FUTURES 