

Delivering RAF Youth & STEM workshops across the UK, 2018 to 2026

Eight years of RAF-funded STEM workshops in schools across all four UK nations: 440 delivery days, 384 schools and venues, and pupils leaving more likely to choose STEM than when they arrived.

In brief: RAF Youth & STEM is the Royal Air Force's schools programme, which funds hands-on STEM workshops for young people. Hyett Education has delivered RAF-funded workshops since August 2018: 440 delivery days at 384 schools and venues across England, Scotland, Wales and Northern Ireland, reaching 35,634 pupil engagements. Robotics has run throughout, with drone coding, AI and machine learning, and cyber security added as the programme's priorities moved on.

Delivery for RAF Youth & STEM continues in 2026/27. Funded places are confirmed for each opportunity.

Official sites: [RAF Youth & STEM](#) · [Royal Air Force](#)

**35,634**

pupil engagements in RAF workshops

440

delivery days, 2018 to 2026

384

schools and venues in all four UK nations

79%

of pupils likely to choose STEM by the end of a session, up from 59%

THE BRIEF

Bring practical, careers-linked STEM to whole year groups of pupils in each area the RAF chose, with priority for girls, disadvantaged pupils and pupils from ethnic minorities.

WHAT WE DID

Identified, recruited and booked eligible schools in each RAF area, ran four RAF-themed workshops with all the equipment supplied, and reported back for every delivery cycle.

THE RESULT

An average of 81 pupils a day, equal numbers of girls and boys where recorded, and 97% of teachers rating our facilitator very good.

KEY FACTS: RAF YOUTH & STEM WORKSHOPS, 2018 TO 2026

Figure	What it measures	Scope and source
35,634	pupil engagements in RAF school and venue workshops (one per pupil per workshop day)	August 2018 to August 2026; Hyett Education delivery records and returns to RAF Youth & STEM
440	delivery days	Same period and records
384	schools and venues, of which 372 are schools	Same period and records
90	county and council areas reached, in all four UK nations	Same records, by delivery postcode; plus 2 days at the British School of Paris
50%	of pupils were girls	Where recorded, 2018 to 2026
42%	of pupils were eligible for pupil premium	Where recorded, 2018 to 2026
25%	of pupils were from ethnic minorities	Where recorded, 2018 to 2026
59% to 79%	pupils likely to choose STEM activities, start to end of session	566 RAF pupil feedback forms, March 2025 to June 2026
97%	of teachers rated our facilitator very good	121 RAF teacher feedback forms, March 2025 to September 2026

"This was an amazing experience for the children. I try to give them as many STEM opportunities as I can, but these workshops are on another level!"

St Bartholomew's Primary, Glasgow

Planning a STEM programme for schools?

Tell us who you want to reach and where. We will show you how we would recruit the schools, design the workshops and report the impact.

www.hyetteducation.com/case-studies/raf-youth-stem-programme#plan

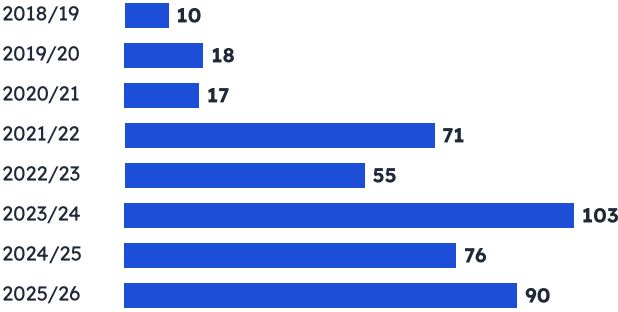
DELIVERY

Eight years of delivery, reported back to the RAF

Delivery at a glance

81 average pupils a day, across 440 delivery days	103 delivery days in 2023/24, the busiest year
258 primary school days, plus 155 secondary	8 consecutive academic years of delivery

Delivery days each academic year, RAF Youth & STEM school and venue workshops, 2018/19 to 2025/26



Source: Hyett Education delivery records.

MEASURED IMPACT

Did the workshops change pupils' views of STEM?

Yes. Since March 2025, pupils have rated each workshop on a short form at the end of the session, including how likely they were to choose STEM activities at the start and at the end.

■ Start of session ■ End of session

Likely or very likely to choose STEM activities



Source: RAF pupil feedback forms, March 2025 to June 2026.

Score	Measure
83%	Feel better informed about STEM careers
89%	Rated the workshop good or very good
90%	Rated the instructions and support good or very good
93%	Student engagement very good
97%	Our facilitator very good
100%	Equipment and resources very good
95%	Very likely to rebook

Source: RAF teacher feedback forms, March 2025 to September 2026.

WHO TOOK PART

Reaching the pupils outreach usually misses

50% of pupils were girls	42% eligible for pupil premium	25% from ethnic minorities	372 schools reached
------------------------------------	--	--------------------------------------	-------------------------------

Percentages are shares of pupils where the figure was recorded, 2018 to 2026.

2018 TO 2026

Eight consecutive years of RAF delivery

Year	Regions	Days	Engagements
2018/19	Glasgow, Cardiff, Anglesey, York, Norwich	10	1,750
2019/20	West Midlands, Manchester, Belfast	18	1,829
2020/21	West Midlands and Wales	17	757
2021/22	Wrexham, Staffordshire, Birmingham, Fife	71	4,443
2022/23	Birmingham, Glasgow, Fife, Manchester	55	5,408
2023/24	East Lothian, Somerset, Ayrshire, Manchester	103	8,096
2024/25	East Sussex, Kent, Glasgow, East Lothian	76	6,232
2025/26	Kent, Essex, Ayrshire, Swindon, Glasgow	90	7,119

Source: Hyett Education delivery records.

WHERE

90 county and council areas, in all four UK nations

Top regions: Scotland (109 days), West Midlands (95 days), North West (53 days).

County or council area	Delivery days	County or council area	Delivery days
Glasgow City	28 days	South Ayrshire	21 days
Fife	25 days	East Lothian	19 days
Wrexham	23 days	Birmingham	18 days
Kent	22 days	Manchester	16 days

Source: Hyett Education delivery records, by delivery postcode.

THE WORKSHOPS

RAF-themed workshops: robotics, drone coding, AI and cyber security

- Robotics and coding: 359 delivery days since 2018
- Drone coding: 58 delivery days, at scale from 2023/24
- AI and machine learning: 14 delivery days, introduced in 2024/25
- Cyber security: 9 delivery days, introduced in 2025/26

BEYOND THE CLASSROOM

Airshows, museums and community groups

- 2022 to 2024: RAF Cosford Air Show, Shropshire
- 2022 to 2026: Forces in STEM, RAF Museum Midlands (Cosford) and RAF Museum London
- Sep 2023: International Ayr Show, Ayrshire
- 2026: Industry event with BAE Systems and the Royal Aeronautical Society, Preston

ACCOUNTABILITY

How we reported to RAF Youth & STEM

- Attendance and demographic figures returned to RAF Youth & STEM for every delivery cycle.
- Schools shortlisted against the RAF's priorities and approved before booking.
- A record of every school, date and workshop since 2018.

Social value mapping: PPN 002 Social Value Model, Outcome 2: Skills for growth; PPN 002 Social Value Model, Outcome 7: Creating a pipeline of opportunities; UN Sustainable Development Goals, SDG 4 Quality Education and SDG 5 Gender Equality. Our mapping, not independent assurance. No proxy values are claimed.