

Mulberry Schools Trust

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MULBERRY STEM ACADEMY

IN PARTNERSHIP WITH  MERCEDES-BENZ GRAND PRIX

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COHORT 1

GRADUATION: MARCH 2022

COHORT 2

GRADUATION: MARCH 2023

COHORT 3

GRADUATION: FEBRUARY 2024

COHORT 4

GRADUATION: MARCH 2025

2023

164 STUDENTS (AGES 8-19)

Academic performance

- 21% of STEM Academy students achieved places at Russell Group Universities including Imperial College, UCL, Exeter, Manchester, Kings College London, LSE, Durham and QMUL
- 21% achieved AAB or higher (national average 17%)
- 42% studying Engineering degree and 61% studying STEM degree courses

Achievements

- Python programming qualification
- CREST Silver Award
- Greenpower competitions:
 - 4th place in F24+ International Final
 - Finalists in F24 competition
- 3 careers conferences
- PRIDE Award winners' trip (graduates and families) to the team's factory
- Significant growth in student numbers in STEM GCSE and A Level Courses:
 - GCSE Triple Science increased from 81 to 193
 - GCSE Computer Science increased 53 to 155
 - A Level Computer Science increased from 0 to 37
 - A Level Physics increased from 6 to 49
 - A Level Maths increased from 46 to 185

Work experience

- 24 students completed a week-long placement with the team in Brackley

Alumni

- 29 former Mulberry students, now Engineering undergraduates, attended Alumni network launch



2022

107 STUDENTS (AGES 8-19)

Academic performance

- 43% achieved A*/A in A Level Maths
- 86% achieved A*-C in EPQ
- Average GCSE grade: 6.6
- 66% achieved grades 9-7 in Triple Science GCSE
- 20 students achieved GCSE grade 8 or 9 in STEM subjects

Achievements

- Python programming qualification
- CREST Silver Award
- 25 children (age 9) graduated from the year-long Mulberry Canon Barnett programme
- Greenpower competitions:
 - 2nd, 3rd, and 5th place in Goodwood F24+ heat
 - 2nd and 3rd place in Lotus Hethel F24+ heat
 - 4th place in International Final (F24+) with the first female driver from Mulberry Academy Shoreditch
 - Mulberry Academy Shoreditch Awarded 'Spirit of Greenpower' award

Work experience

- 24 students completed a week-long placement with the team in Brackley

Destinations

- 70% pursued STEM degree courses
- 27 students across the Mulberry family began Engineering degree courses



2021

105 STUDENTS (AGES 14-19)

Academic performance

- 76% achieved A*-C in the Extended Project Qualification
- Average GCSE grade: 7.3
- 24 students achieved grade 8 or 9 in GCSE STEM subjects

Achievements

- Python programming qualification
- CREST Silver Award
- Awarded Greenpower 'Centre of Excellence' status
- 4 teams reached Greenpower International Final (F24+):
 - Mulberry Stepney Green: 1st place
 - Mulberry Academy Shoreditch: 2nd place
- 8 primary schools participated in STEM Academy Taster Days (270 children involved)

Work experience

- 24 students completed a week-long placement with the team in Brackley

Destinations

- 28 students from the Mulberry family pursued Engineering degree courses



2020

48 STUDENTS (AGES 14-19)

Academic performance

- Average 'A' Level grade: B
- Average GCSE grade (Year 11): 7.3

Achievements

- Python programming qualification
- CREST Silver Award
- Greenpower International Final; awarded 'Best New Team'

Work experience

- 10 students completed a week-long placement with the team in Brackley

Destinations

- 17 students (74%) pursued STEM degree courses
- Across the Mulberry family: 26 students began Engineering degree courses, up from 3 in 2019



-24

-23

-22

-21