MULBERRY
STEM ACADEMY

IN PARTNERSHIP WITH
MERCEDES-BENZ GRAND PRIX

INSPIRING INNOVATION

Case Studies from the Mulberry STEM Academy

Mulberry Schools Trust

Mulberry School for Girls

Mulberry UTC
Where learning works

Mulberry Academy Shoreditch

Mulberry Stepney Green Maths, Computing and Science College

Mulberry Wood Wharf Primary

Mulberry Academy Woodside

Mulberry Canon Barnett Primary

Mulberry Academy London Dock

MULTICULTURAL APPRENTICESHIP AWARDS
a Pathway Group initiative
Pearson
FINALIST
Closing remarks
Yumna Khanam
Assistant Headteacher
Mulberry
Schools Trust

INTRODUCTION: INSPIRING THE NEXT GENERATION OF STEM LEADERS

The Mulberry STEM Academy, established in 2020 by the Mulberry Schools Trust in partnership with Mercedes-Benz Grand Prix Ltd, has become a beacon for STEM education, nurturing young talent and fostering innovation. This unique programme offers students aged 7 to 18 the chance to explore their passions in science, technology, engineering and maths through a blend of academic excellence and real-world experiences.

This case study booklet has been created to celebrate the extraordinary achievements of students over the past four years and to showcase the transformative impact of the programme. It highlights the stories of eight exceptional individuals who have excelled academically, embraced hands-on learning opportunities, and developed the skills needed to succeed in cutting-edge industries.

With highlights such as 43% of students achieving A* or A grades in Maths, 70% progressing to STEM degree courses, and 30% pursuing specialised engineering degrees, the academy continues to inspire the next generation of innovators. Further details of these achievements and the academy's broader impact can be found in the latest Mulberry STEM Academy Impact Report.

Scan the QR code below to access the full report and explore how the academy is shaping the future of STEM leadership.

SCAN ME

SHOWCASING EXCELLENCE: STUDENT JOURNEYS

The heart of the Mulberry STEM Academy lies in its students – the young innovators, problem-solvers, and future leaders who embody the academy's mission to inspire and empower through STEM education. Across its four cohorts, the academy has welcomed talented individuals with a passion for science, technology, engineering, and maths, nurturing their skills and providing opportunities to flourish both academically and personally.

In the next section, we highlight eight remarkable students whose journeys reflect the diversity, ambition, and potential within the academy. Representing different stages of the programme, each student has embraced the unique experiences offered, from mentoring and technical workshops to Greenpower racing and work placements with Mercedes-Benz Grand Prix Ltd.

These case studies showcase not only their individual achievements but also the transformative impact of the Mulberry STEM Academy in shaping confident, capable young people ready to make their mark in the world of STEM and beyond.

SHAIRA SHAKERA ALI

Qualifications and grades (Summer 2024)
A LEVELS: Computer Science A, Maths A, Physics B

Course
Electrical Engineering

Destination
King's College London

ZAQWAN HASAN CHOWDHURY

Qualifications and grades (Summer 2024)
A LEVELS: Computer Science A, Further Maths C, Maths A*, Physics B

Course
Aerospace Engineering

Destination
Queen Mary University of London

MAS'UD OMAR MOHAMED SHARIF

Qualifications and grades (Summer 2024)
EXTENDED PROJECT QUALIFICATION: A*
A LEVELS: Maths A, Computer Science A*, Further Maths A, AS Physics B

Course
Degree Apprenticeship – Automation Engineering

Destination
Amazon

ABID ALAM JOY

Qualifications and grades (Summer 2023)
A LEVELS: Computer Science A, Maths A, Physics B

Course
Electrical Engineering

Destination
King's College London

SHAKILA JANNATH

Qualifications and grades (Summer 2023)
EXTENDED PROJECT QUALIFICATION: B
A LEVELS: Geography B, Maths D, Physics C

Course
Aerospace Engineering

Destination
City, University of London

MOHAMMED ISHRAQ AHMED CHOWDHURY

Qualifications and grades (Summer 2023)
EXTENDED PROJECT QUALIFICATION: A
A LEVELS: Maths D, Further Maths E, Physics E

Course
Degree Apprenticeship – Mechanical Engineering

Destination
Ford

PAUL JOHNSON

Qualifications and grades (Summer 2023)
A LEVELS: Maths C, Biology C, Chemistry D

Course
Aerospace Engineering

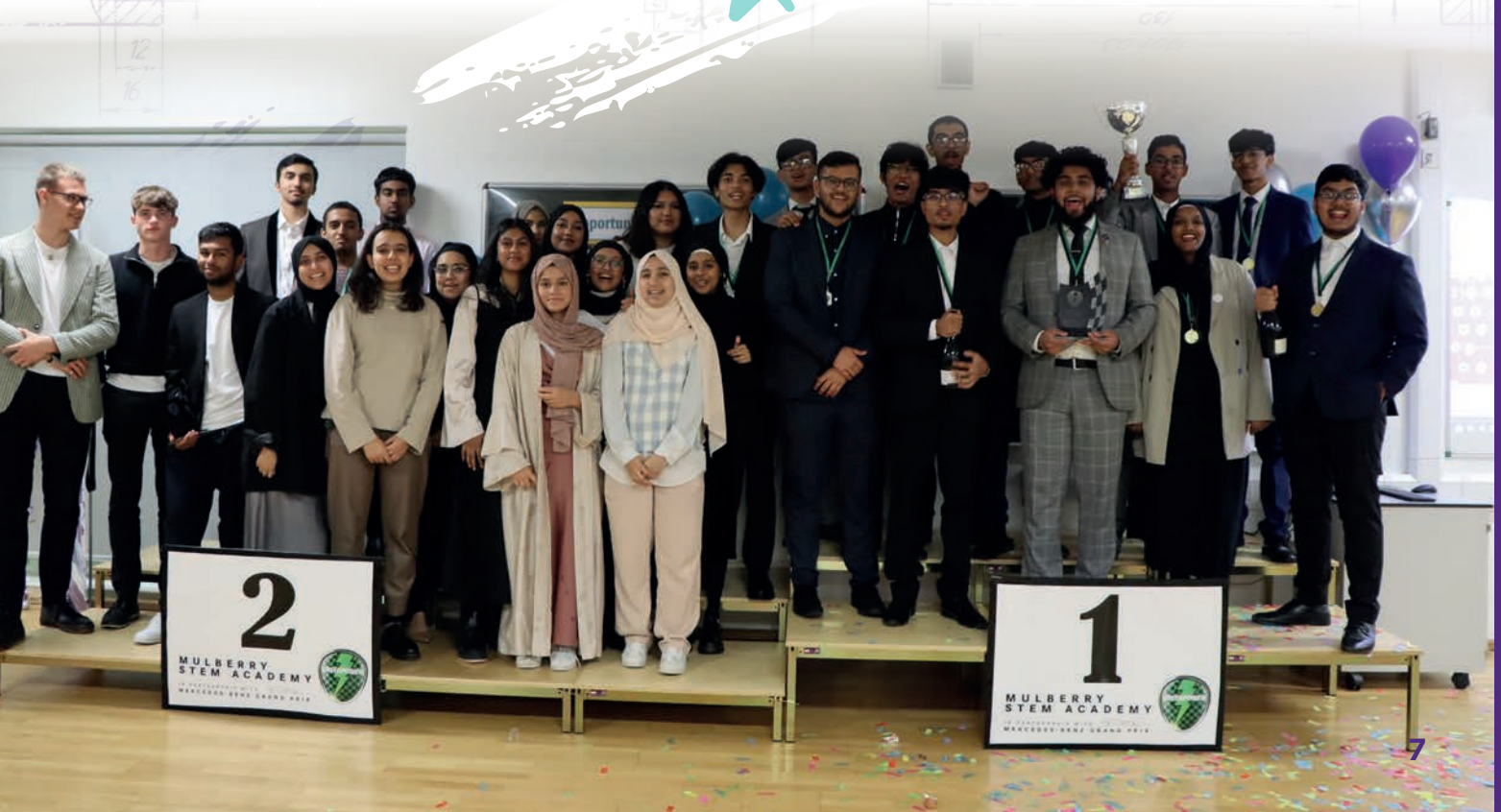
Destination
University of Brighton

AISHA NOOR

Qualifications and grades (Summer 2022)
A LEVELS: Maths A, Physics B, Spanish A

Course
Mechanical Engineering

Destination
Queen Mary University of London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