PHOENIX SPACE

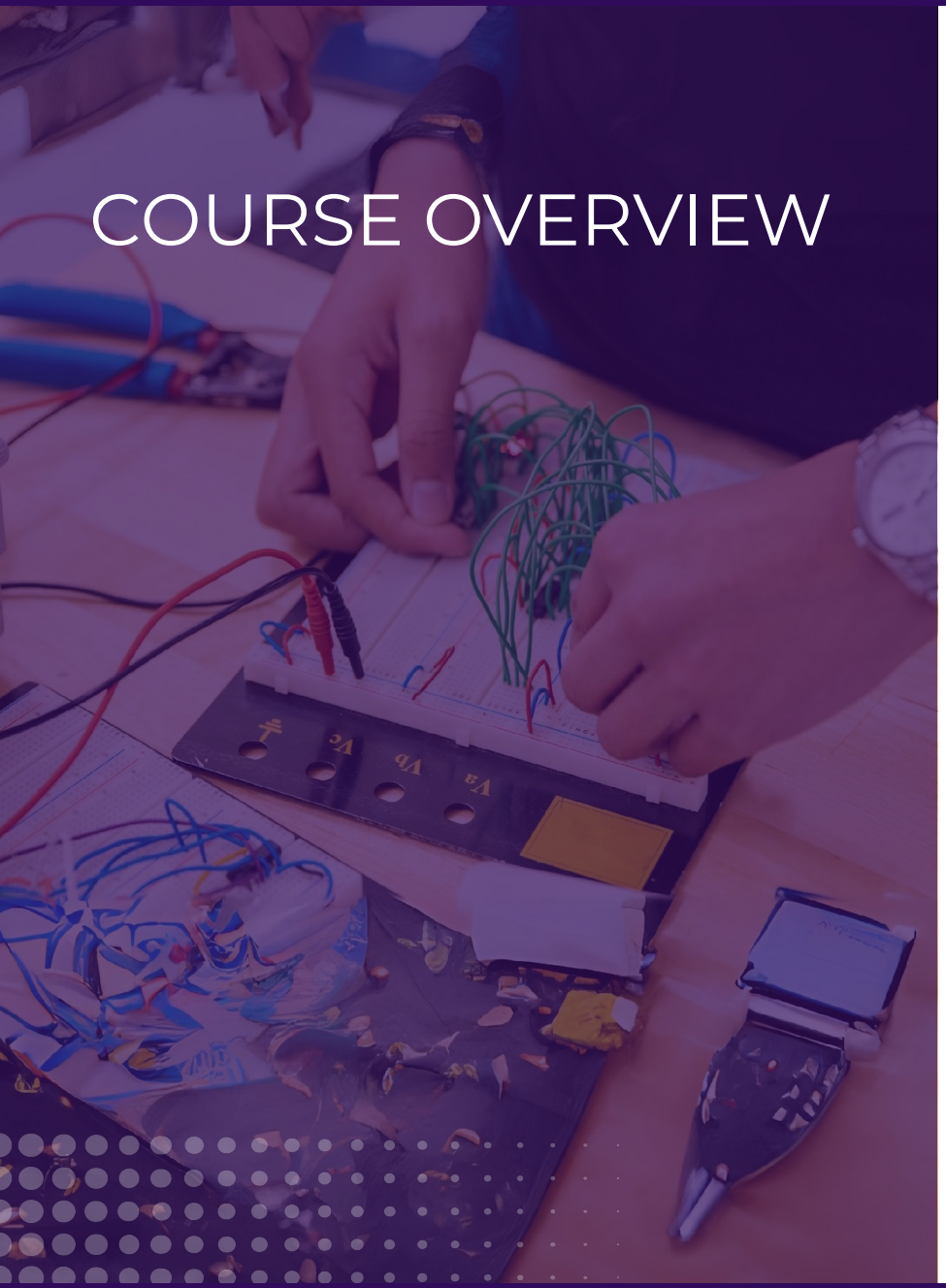
AIRBUS FOUNDATION

BLUMONT

IMPACT REPORT

Airbus Foundation & Blumont

February – July 2024



COURSE OVERVIEW

In February 2024, and with generous contributions from The Airbus Foundation, Blumont delivered the Phoenix Space STEM Spark course in the Za'atari refugee camp in Mafraq, Jordan. This course was specifically designed for marginalised students who have faced forced displacement. The custom Airbus/Phoenix Space curriculum covered essential STEM subjects. Three cohorts completed the course by July 2024, totaling 155 girls and boys, aged 8 to 15.

"I like airplanes and when I see one in the sky I wish I was in it. The course gave us a lesson about how airplanes fly and it amazed me. I'd like to be a pilot in the future. "

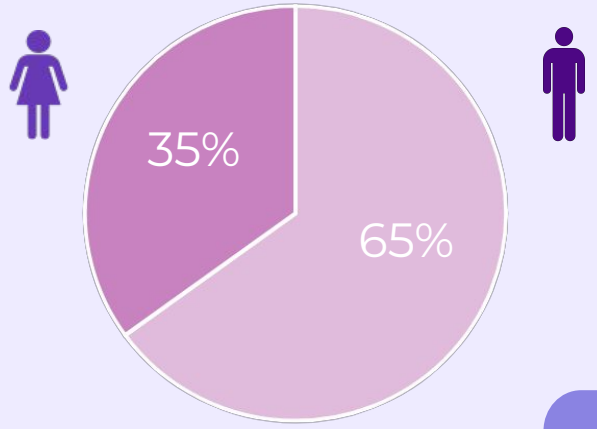
Hala, 9, F

Student data

"I loved the programming part of the course. It was so much fun to learn programming using the platform... it was like a game! I wish my school had courses like this and would like to take another like it in the future."

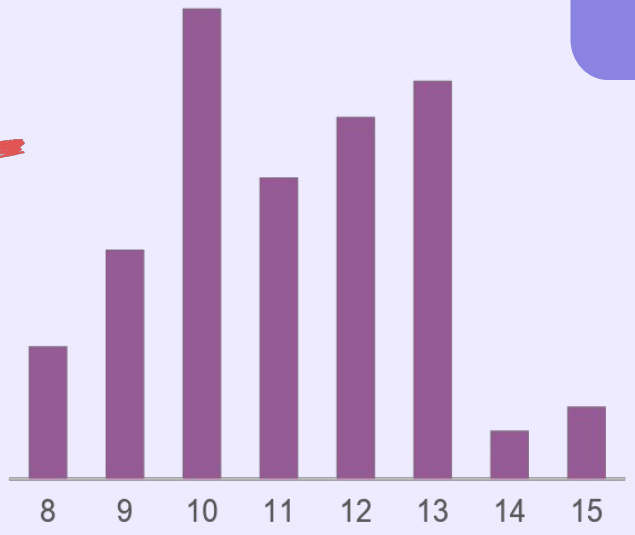
Kinan, 12, M

Gender



155
Students

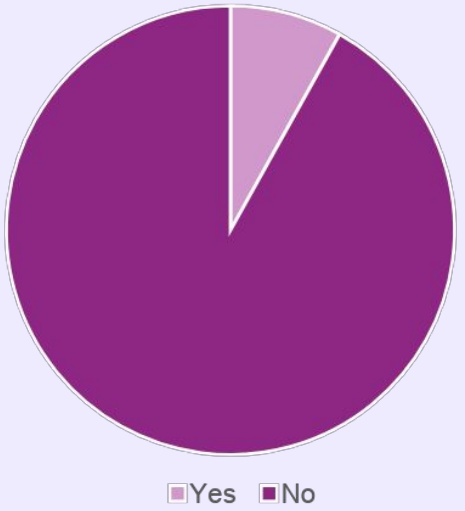
Age



Student data

All students are Syrian refugees currently seeking refuge in Jordan

Gaps in Learning?



Currently enrolled in school?

98%

I would recommend this course to my friends

"How could the course be improved?"

70%

I want more! Lessons, exercises, courses, etc.

During STEM Spark course, we learned the concept of gravity and how to demonstrate it with a paper experiment. That was the part I loved the most!

I wish to become a physics teacher in the future so I can teach students new skills in a fun way.

Hazar, 12, F

Course details

Course Length

3 cohorts	Over **6** months
15 learning hours	**12-14** days

Areas of Focus

- Forces
- Statistics & Graphs
- Heat & Heat Transfer
- Weight & Combined Forces
- Geometry

A 2-part course

Part 1: Airbus Foundation Lessons: In each of the first practical lessons students learn about some aspect of a fictional mission to a space hotel. Students learn through a combination of a video-assisted practical lessons followed by a theoretical question.

Part 2: Phoenix Space Lessons: 5 lessons to equip students with fundamental knowledge and skills in physics, programming and maths.

Course details

98%

Of students were more motivated to learn about STEM subjects following the STEM Spark course

99%

I believe I can figure out anything if I try hard enough

90%

I feel comfortable sharing my opinions with my peers

100%

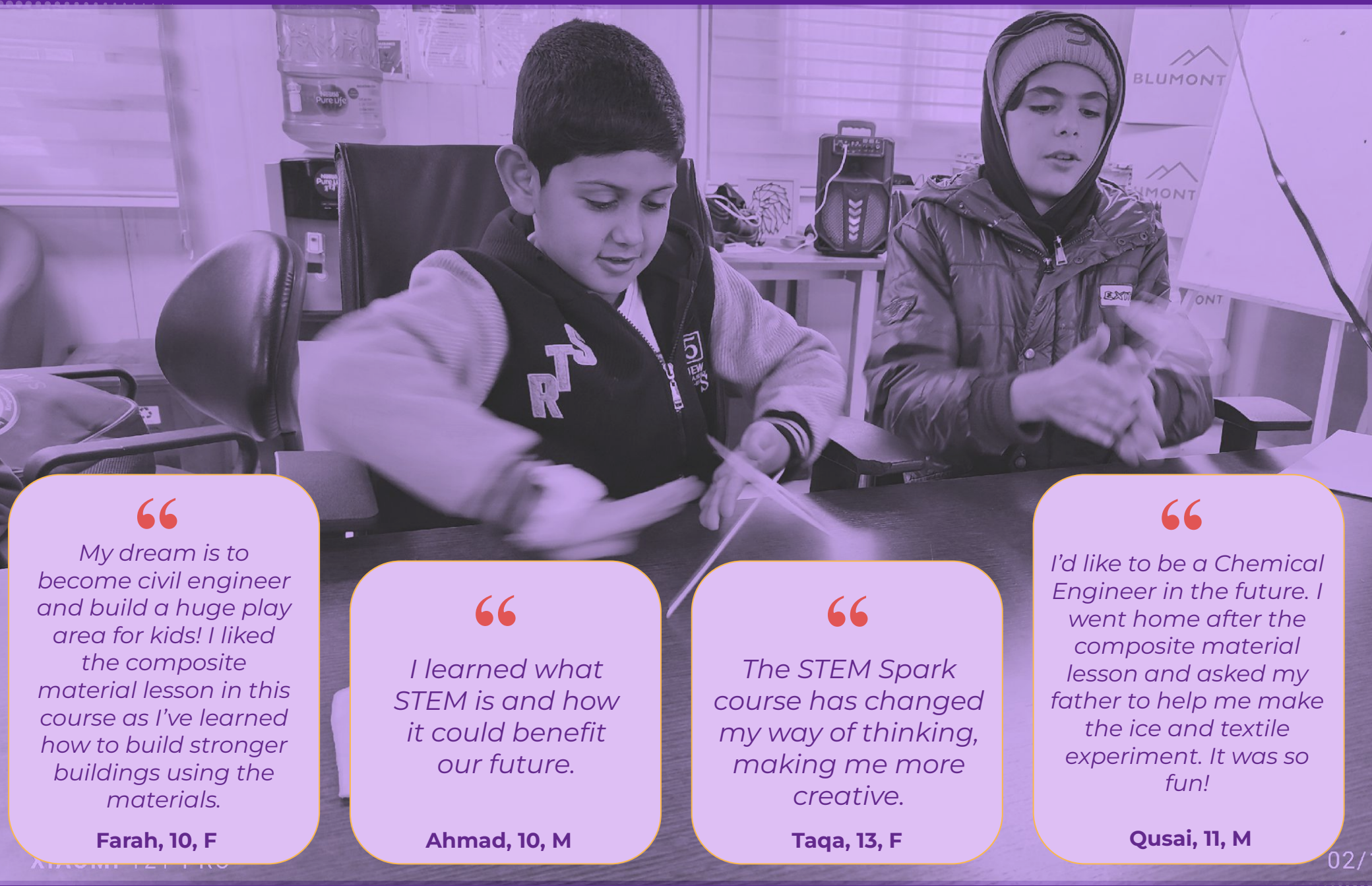
I feel comfortable asking questions when I don't understand something

98%

I think about how to apply what I'm learning in practical ways in my daily life

85%

I'm good at finding solutions to problems



My dream is to become civil engineer and build a huge play area for kids! I liked the composite material lesson in this course as I've learned how to build stronger buildings using the materials.

Farah, 10, F

I learned what STEM is and how it could benefit our future.

Ahmad, 10, M

The STEM Spark course has changed my way of thinking, making me more creative.

Taqa, 13, F

I'd like to be a Chemical Engineer in the future. I went home after the composite material lesson and asked my father to help me make the ice and textile experiment. It was so fun!

Qusai, 11, M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