

On the left side of the page, there are three large, white, hand-drawn style geometric shapes: a triangle at the top, a circle in the middle, and another triangle at the bottom. The background is a dark purple with several small, light purple circles of varying sizes scattered across it.

IMPACT REPORT

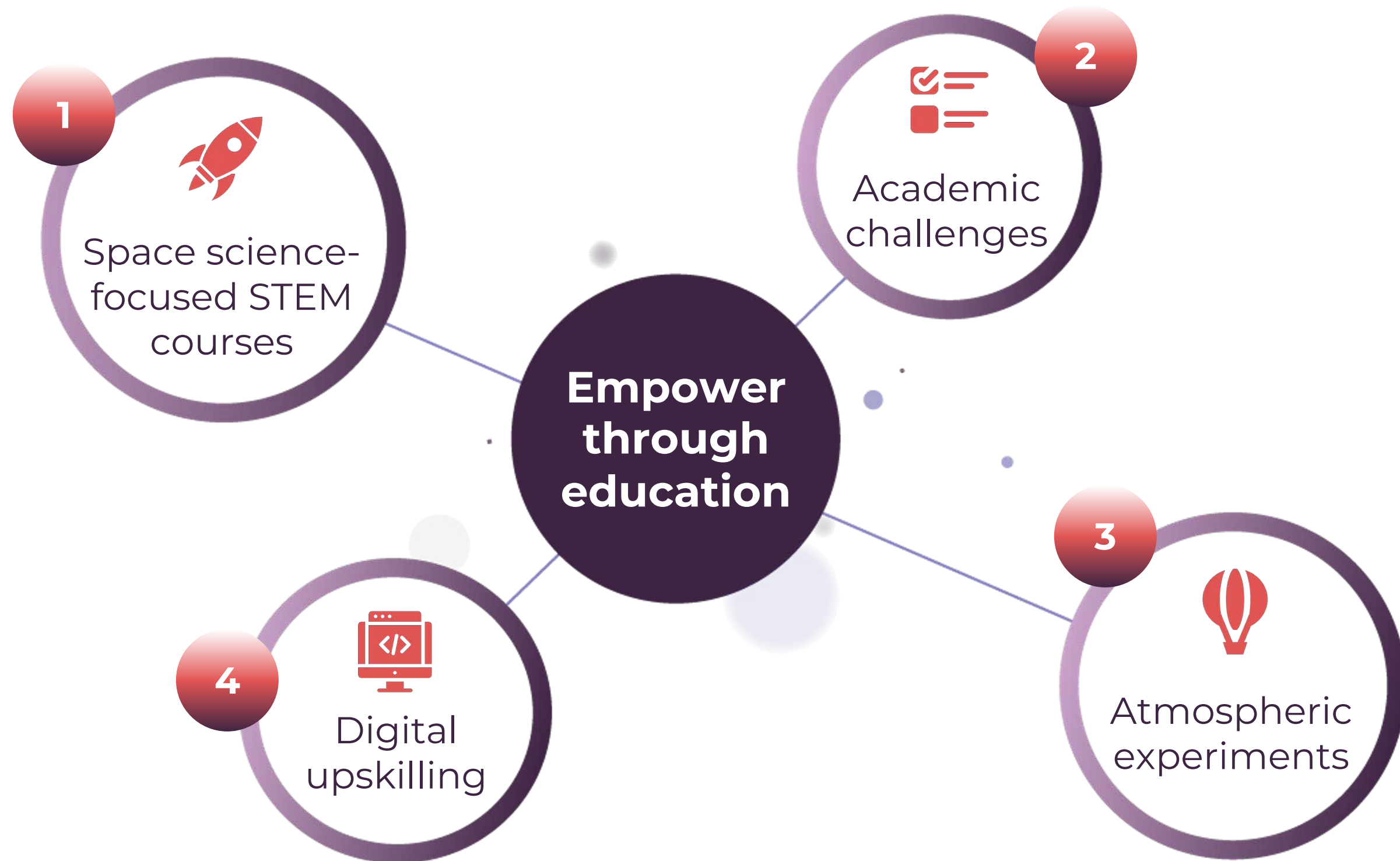
2020 - 2021

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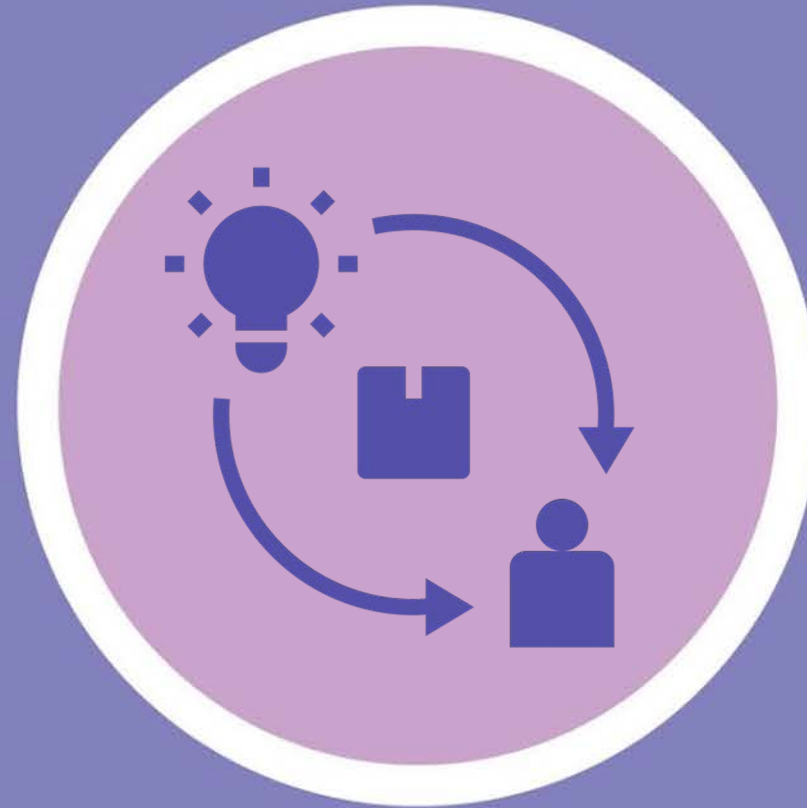
HOW WE IMPLEMENT OUR MISSION



GOALS



**Provide quality
education**



**Create a sustained
impact model**



**Drive global
awareness**

THE TEAM

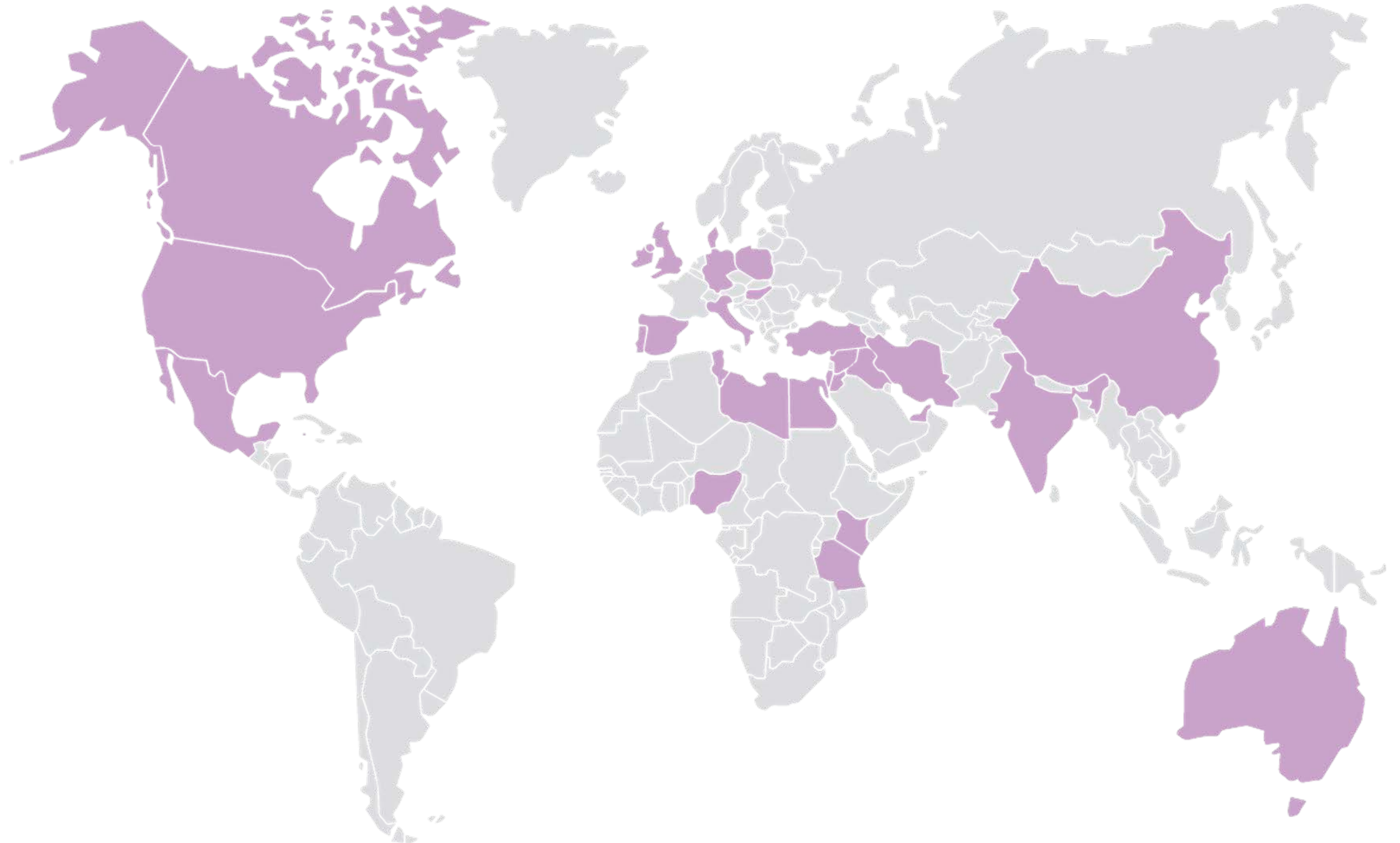
A GLOBAL EFFORT



80
volunteers

From
20

From
29
countries



WORDS FROM OUR FOUNDER



**Alevtina
Nepomniachtchikh**
Founder & CEO

“

Phoenix Space is a unique organization created by the volunteering effort of the people who believe in the mission and the vision of the organization that quality education is a human right and not a privilege.

It is with this ethos in mind, supported by hundreds of volunteers and partners globally, that we are proud and honoured to serve underprivileged youth around the world, providing them with first-class educational opportunities.

”

WHAT OUR VOLUNTEERS SAY

“

Phoenix Space provides students with high-quality educational materials that are hard to find online.

”

“

The Phoenix Space program does amazing work for under-represented youths, giving them hope and long-term career goals.

”

My work with PS...

83%

Made me feel more connected to the cause

80%

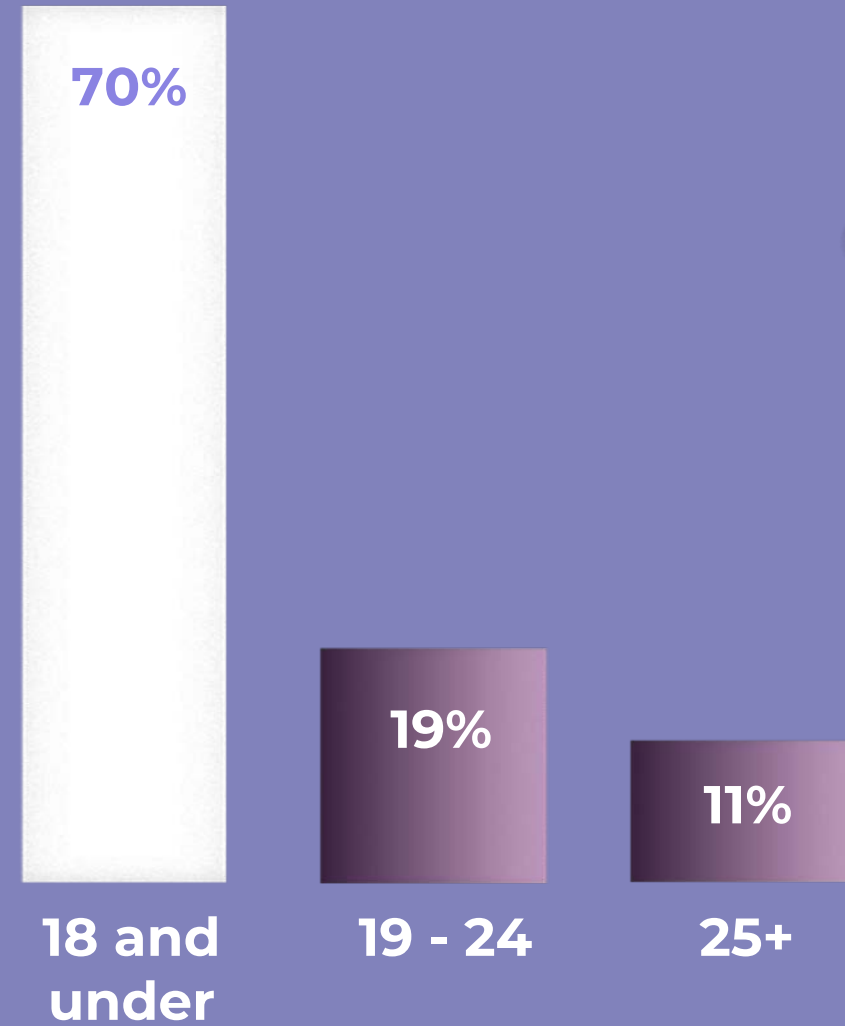
Provides me with a sense of purpose

82%

Makes me feel engaged and appreciated

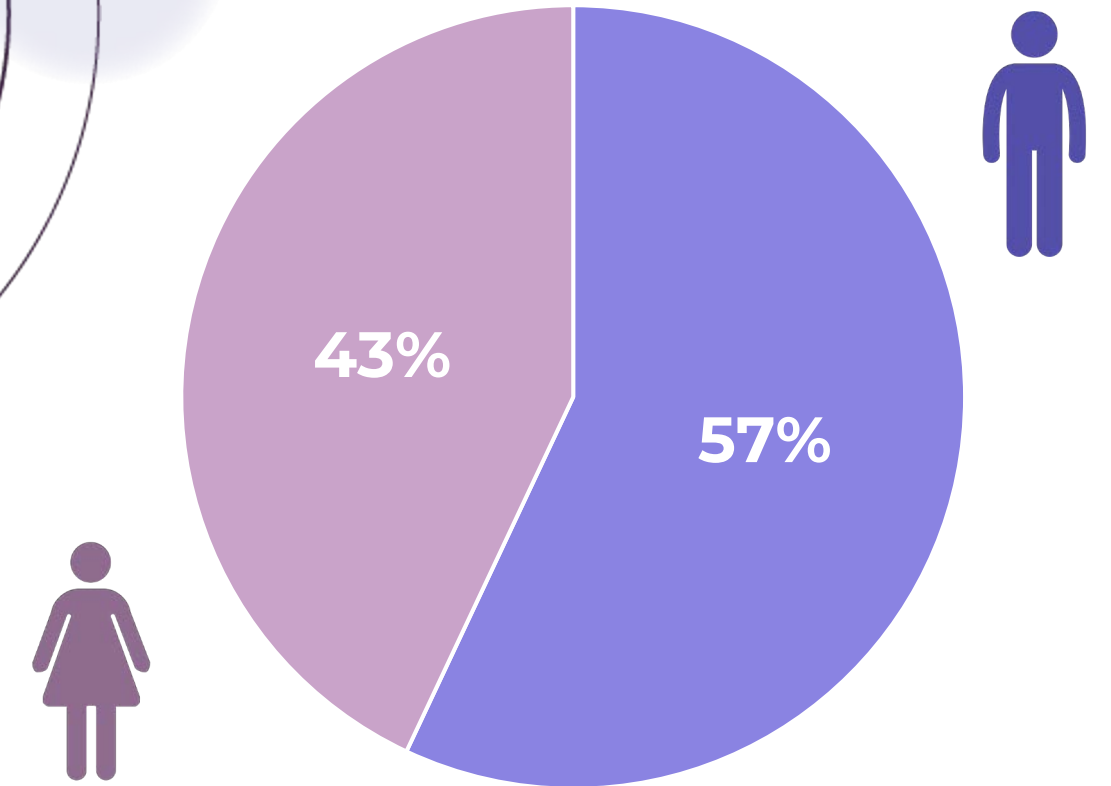
PEOPLE IMPACTED BY OUR WORK

AGE

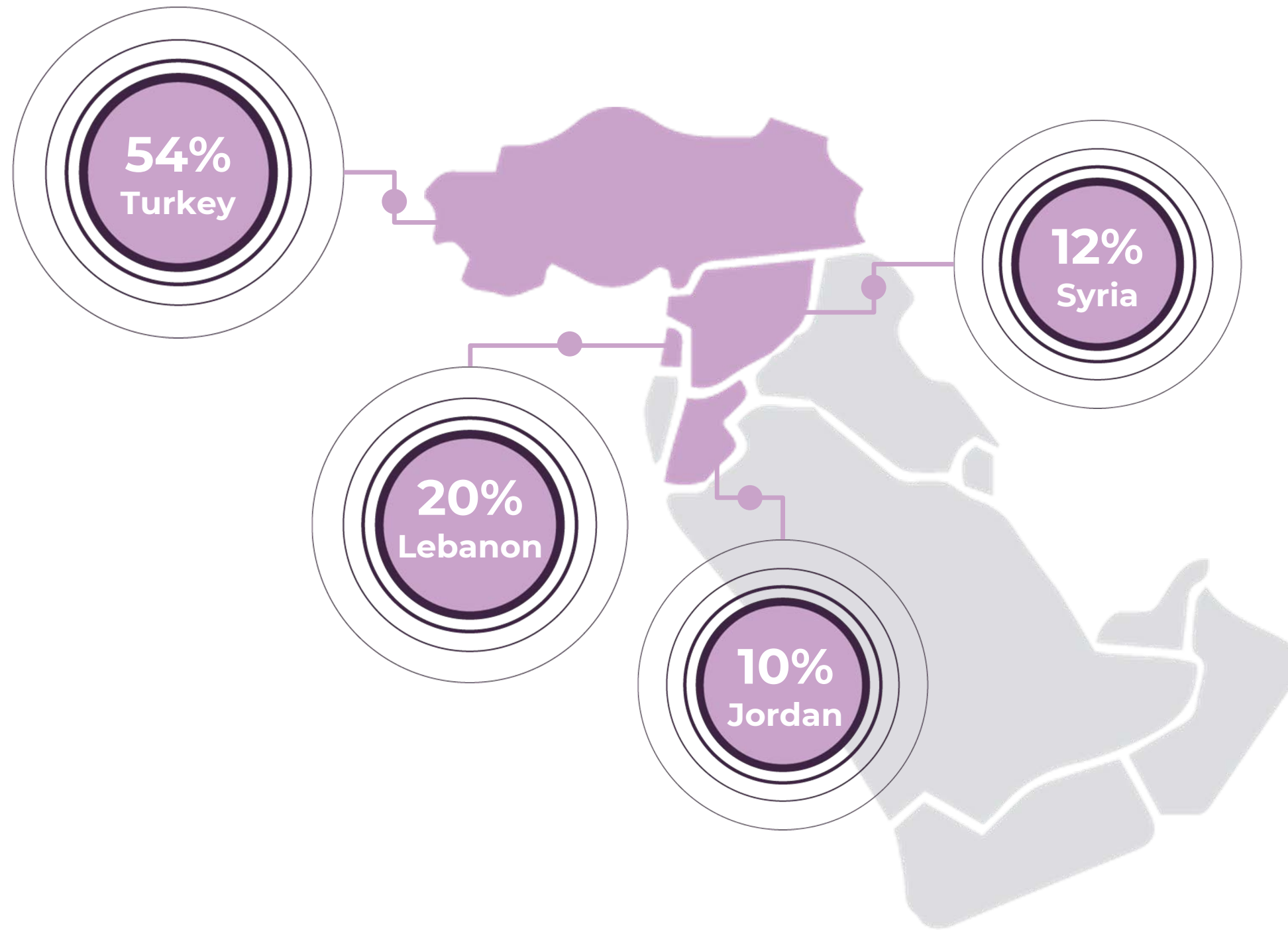


915
people
impacted

GENDER



WHERE OUR STUDENTS RESIDE



WHAT OUR STUDENTS SAY



Fatima, 16

Turkey

Completed the
Flagship &
Moon eQuest
Programs

“

I joined the Phoenix Space program because I wanted to learn more about space science and technology. I also enjoyed the physics and maths classes.

I learned about motion and the relationship between velocity and acceleration. This helped me with physics at school as well.

Programming was the most challenging part of the course for me.

”

AHMED'S STORY

I finished high school in Saudi Arabia in May 2019. **On my last day of high school, my father was laid off from his job, and we were forced to leave the country.**

With minimal options at our disposal, we sought haven in Yayladagi, a small village on Turkey's border with Syria. A new country, a new language, and severe financial strains posed significant challenges.

In early 2021, I came across Phoenix Space and saw the Python Course program. At that time, I have never heard of Python. But I told myself, "Why not try?". So I submitted my application and was accepted.

Although this was a short, introductory course, after completing it, I eventually became my own teacher, mastering multiple programming languages. **That Python Course made me discover my passion for computer and data science.**

Over the past two years, I have been trying to apply for scholarships to continue my education. I have been part of many competitive tech programs. I co-authored multiple computer science-related e-books. In addition, I also started an initiative in Yayladagi to empower refugee kids by offering math, English, and introductory computer science courses.

A few weeks ago, I received the great news of getting accepted into Haverford College, in the US, with a full scholarship. While it was not easy, I still can't believe it.

Of course, this doesn't solve all my problems. However, this is definitely a turning point in my life, and the journey is just starting.

Thus, thank you from the bottom of my heart.



Ahmed, 21

Turkey

Completed the
Python Pioneers &
PS x PwC Digital
Heroes Programs

WHAT OUR PARTNERS SAY



**Dr. Jonathan
Eastwood**

Director of the
Space Lab at
Imperial College
London

“

Ensuring that Space is accessible to everyone, irrespective of our backgrounds and circumstances, is crucial. Space technologies are now integrated into our daily lives and services such as weather monitoring and communications are vital to ensure the safety and wellbeing of people across planet Earth.

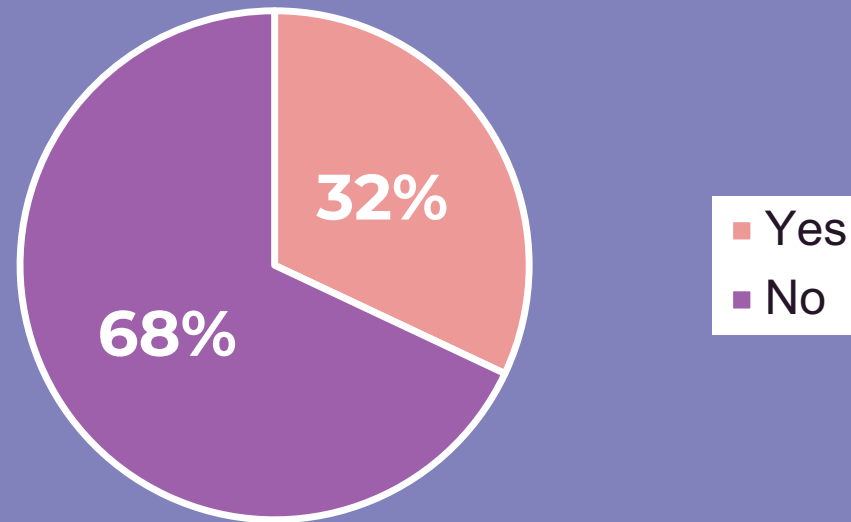
Therefore, education and practical engagement in these technologies must be accessible to everyone, so that we can harness the inspirational qualities of Space Science to help improve the lives and aspirations of young people across the globe.

The Space Lab Network of Excellence and Imperial College London is therefore excited and proud to be working with Phoenix Space to help fulfil their mission of bringing space science education to refugees and disadvantaged students.

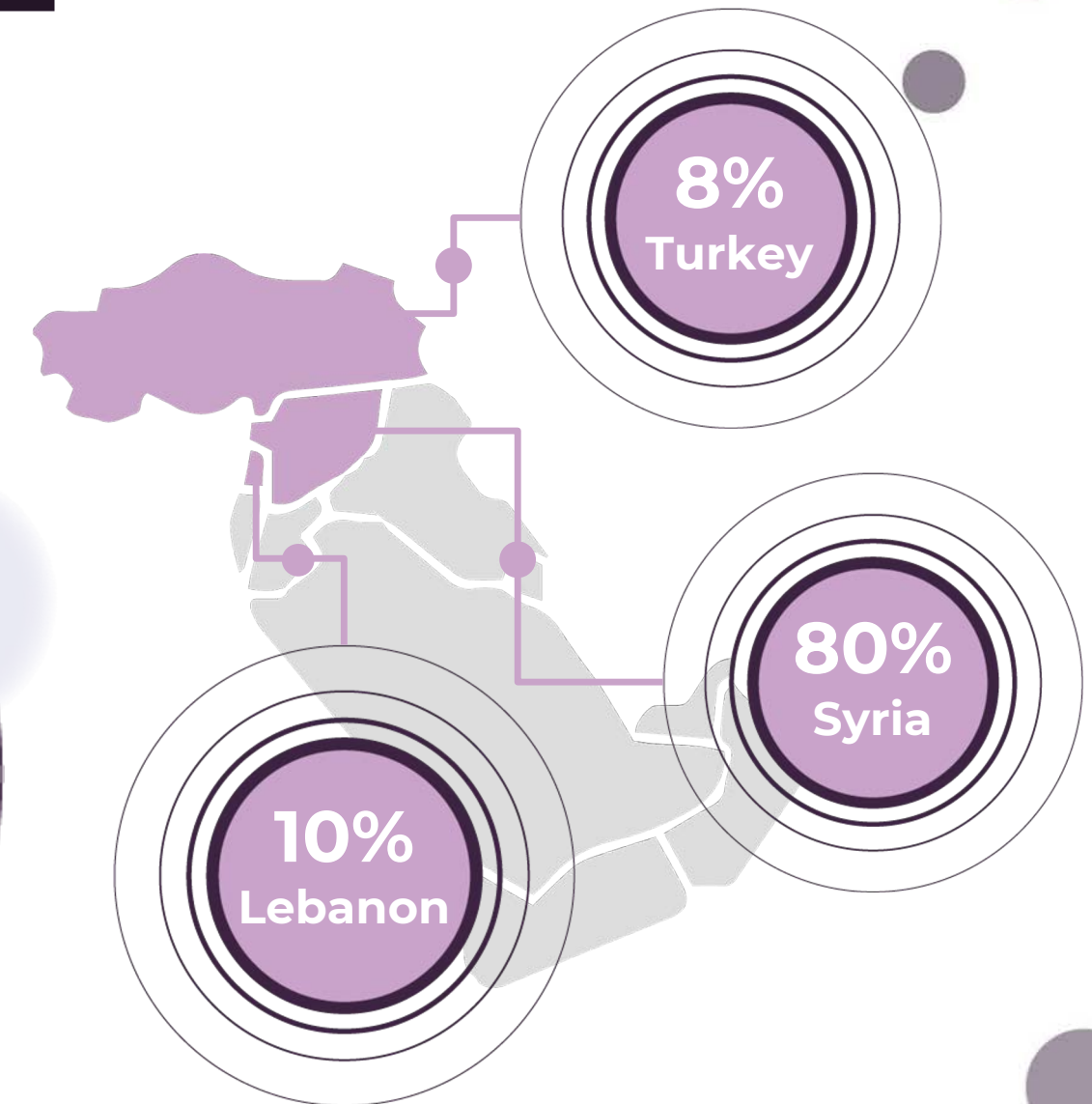
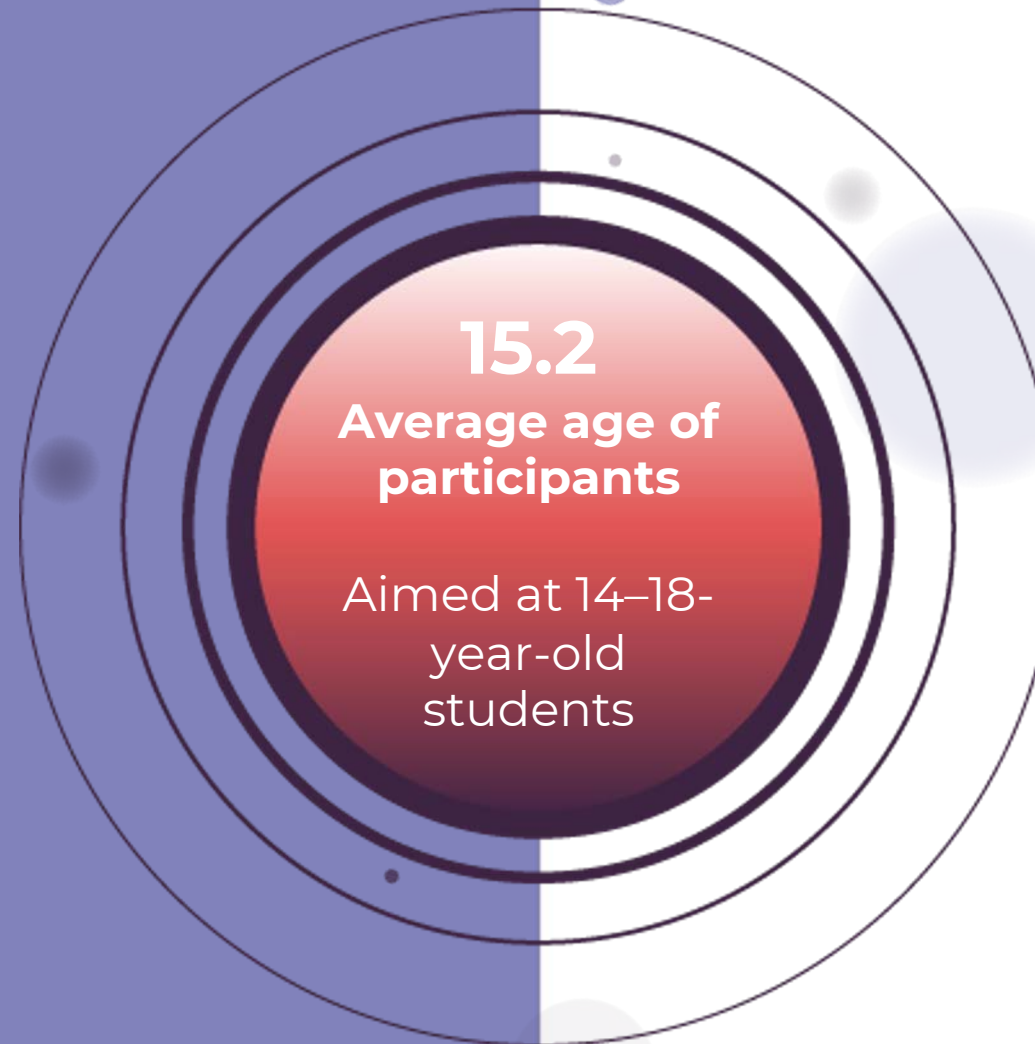
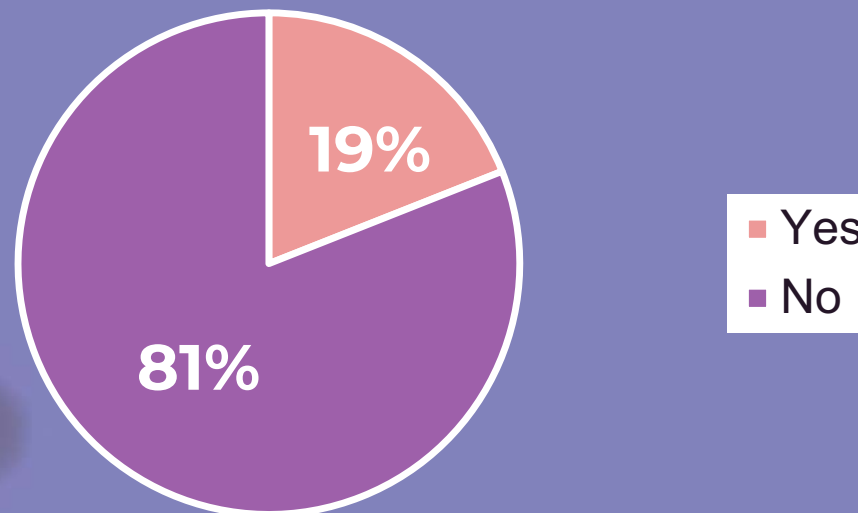
”

STUDENT PROFILE

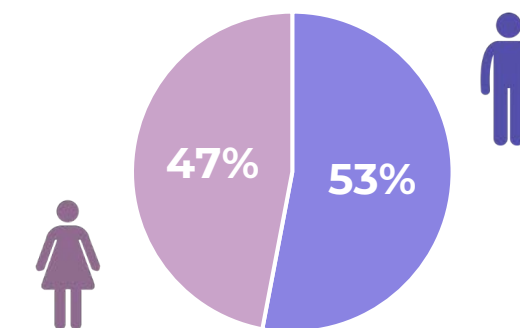
DID YOU LEAVE SCHOOL?*



DO YOU HAVE PREVIOUS GAPS IN YOUR LEARNING?**



GENDER

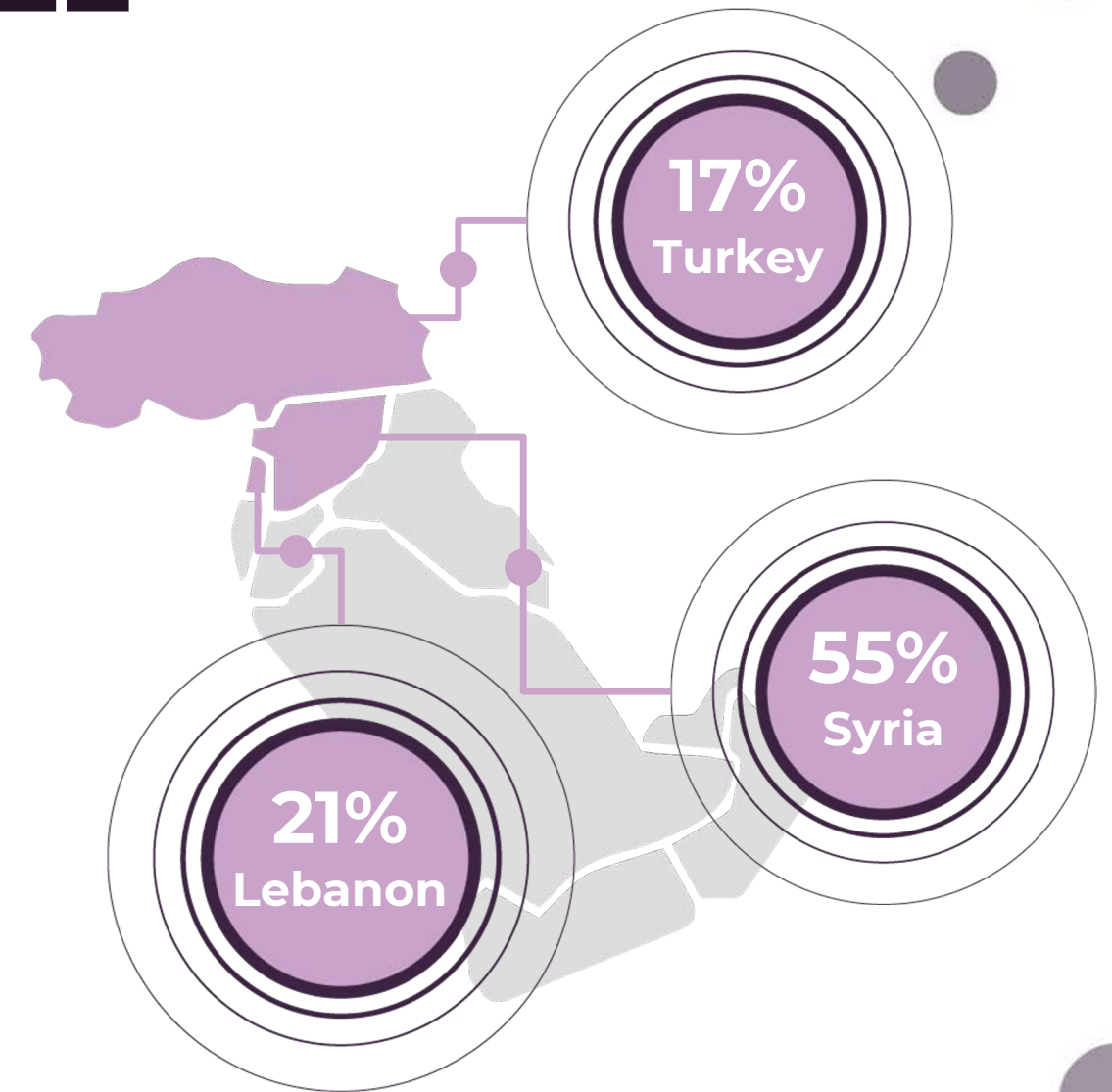
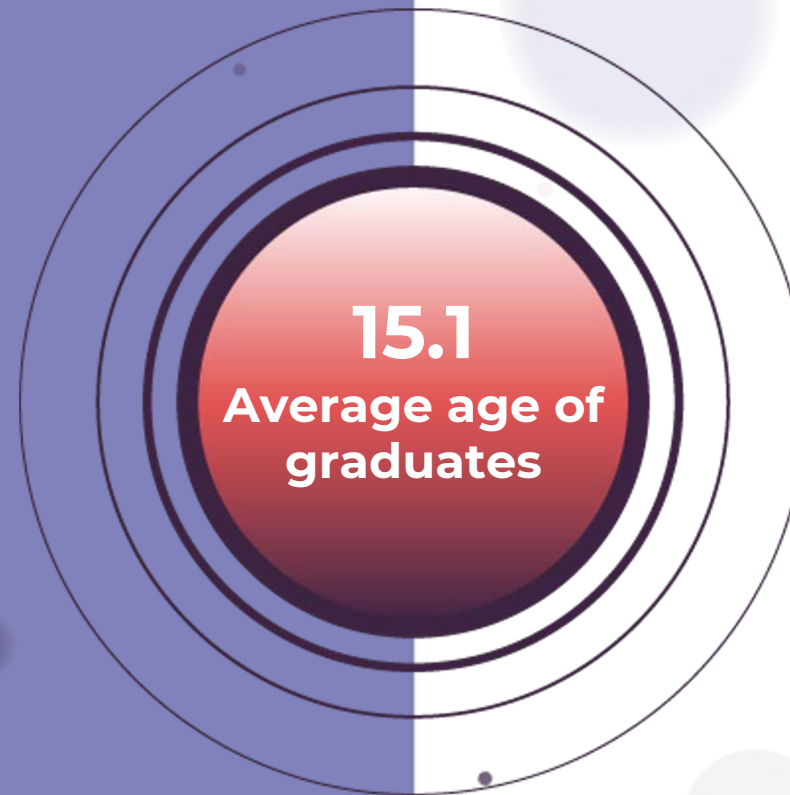
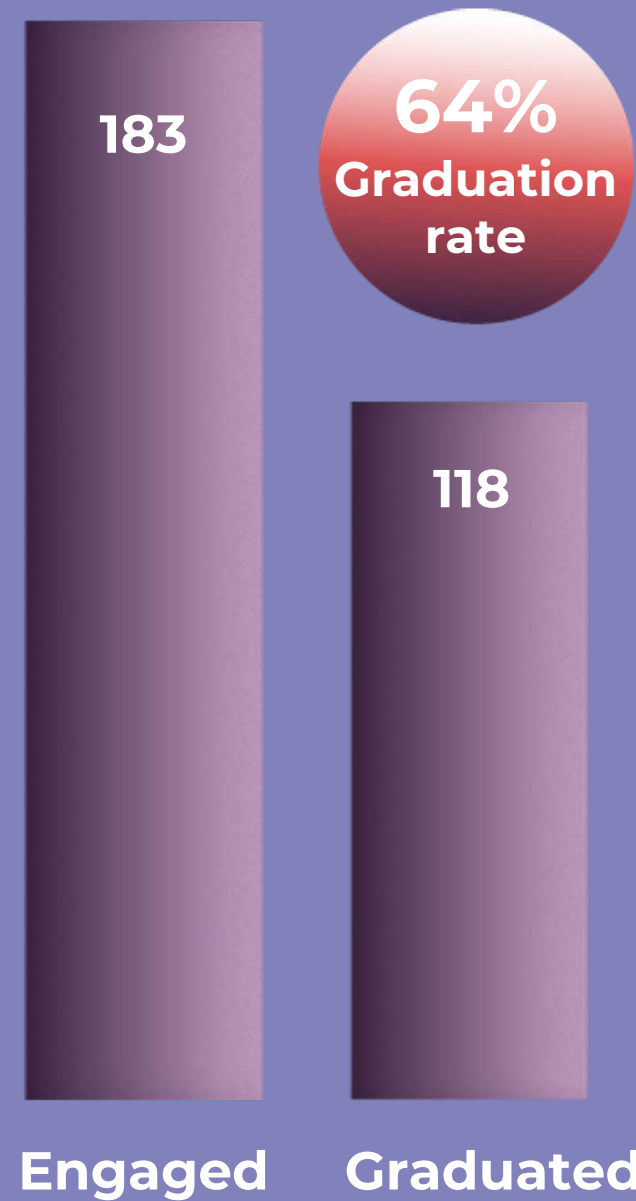


*Students currently attending formal education at the time of taking their pre-PS course survey. However, some students could have answered "Yes" due to the COVID pandemic.

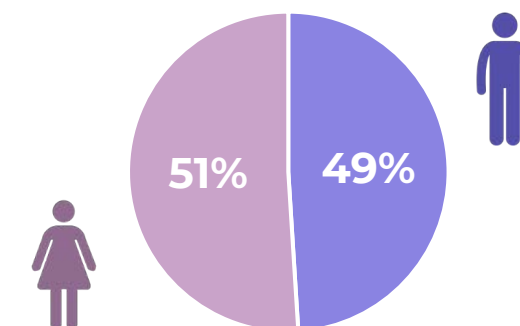
**Spent time outside of formal education due directly to being displaced

GRADUATE PROFILE

STUDENT GRADUATION RATE



GENDER



BUILDING SKILLS AND CONFIDENCE

Survey scoring from 1 to 5
(5 = “strongly agree”)

92%

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

4.42

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

4.05

Made me
feel more
comfortable
sharing my
opinions with
my peers

4.03

Taught me
how to better
find solutions
to problems

4.25

Made me feel
more comfortable
asking questions
when I don't
understand
something

4.30

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

WHAT OUR STUDENTS SAY



“

I now know that I want to study more space science at University, and I want my job to be related to maths and space.

”

Carelle,
F, 13

“

It helped me to better understand how to analyse scientific data and how to reach conclusions from it.

”

Mohammed,
M, 14

“

I acquired basic skills in mathematics, and the program opened a new horizon: the field of programming.

”

Rayyen,
F, 16

“

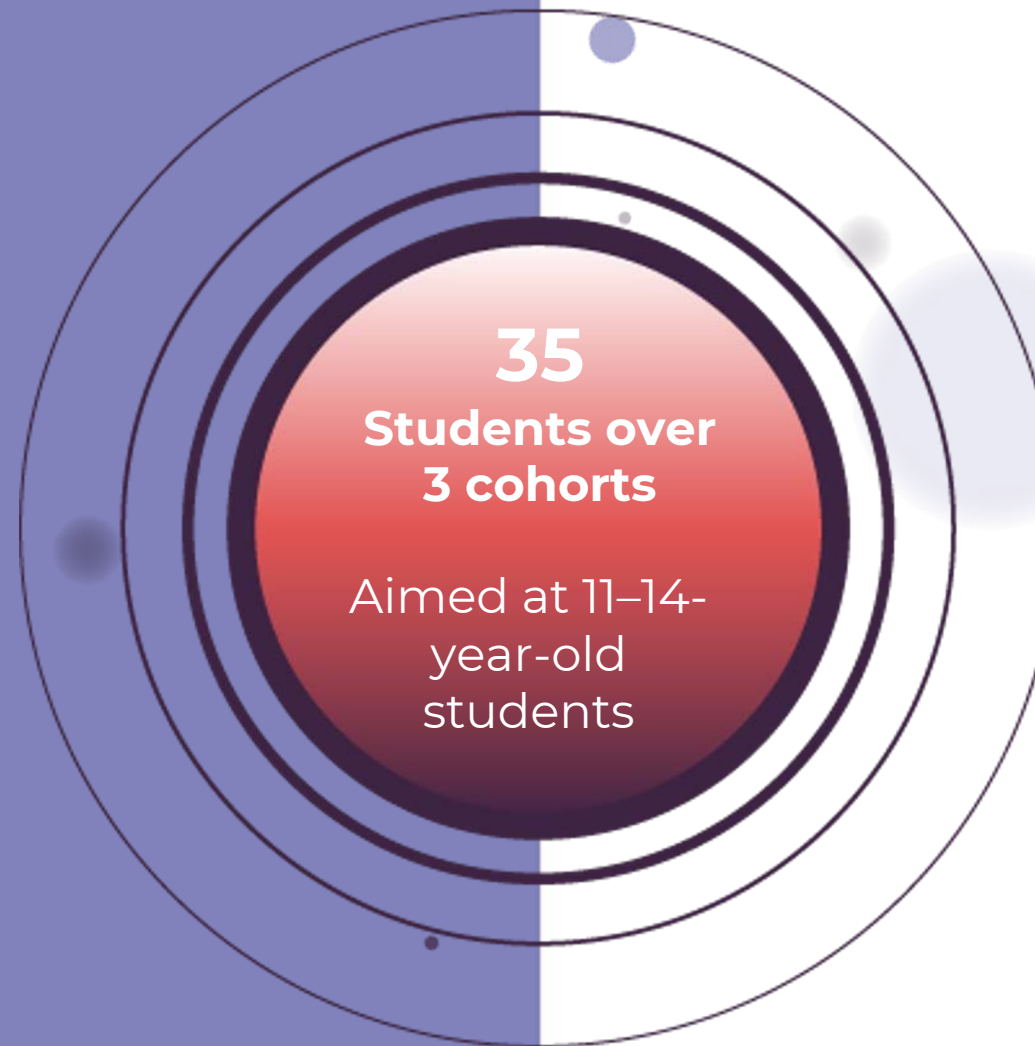
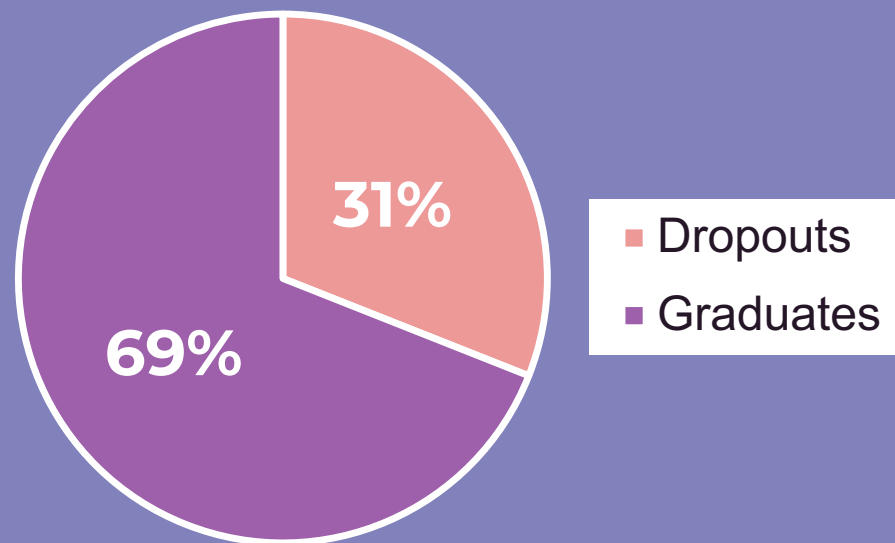
The course gave me a quantum leap in knowledge, and expanded my learning environment, helping me make new friends.

”

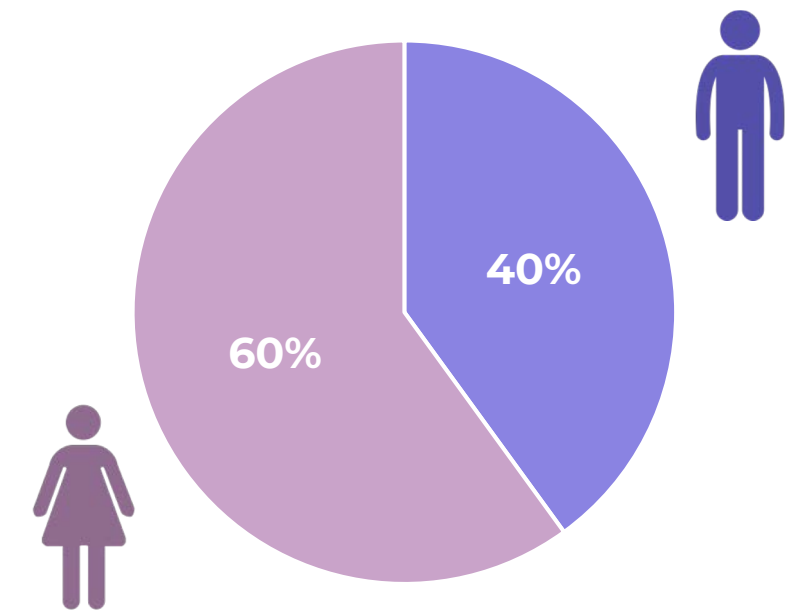
Angy,
F, 15

STUDENT PROFILE

HOW MANY STUDENTS GRADUATE?



GENDER



*Note that this course attracts a higher percentage of female graduates from the PS Flagship Program and over 50% of the graduates of the course are female.

BUILDING SKILLS AND CONFIDENCE

Survey scoring from 1 to 5
(5 = "strongly agree")

4.61

Made me more motivated to continue learning about Space Science and STEM subjects.

4.44

Made me more comfortable discussing my thoughts and solutions in front of and with my peers.

4.39

Made me believe there are solutions to every problem.

4.00

Helped me see how my existing knowledge can be applied in different situations.

4.61

Overall satisfaction with the the Moon eQuest program

4.39

Encouraged me to think creatively to develop a solution.

4.44

Made me more confident to develop solutions to new problems.

4.28

Encouraged me to use knowledge and skills I learned in the PS Program.

WHAT OUR STUDENTS SAY



“

Participation in this program helped me become more confident in myself and to be more engaged.

”

**Helene,
F, 13**

“

The course was incredible.

”

**Aziz,
M, 15**

“

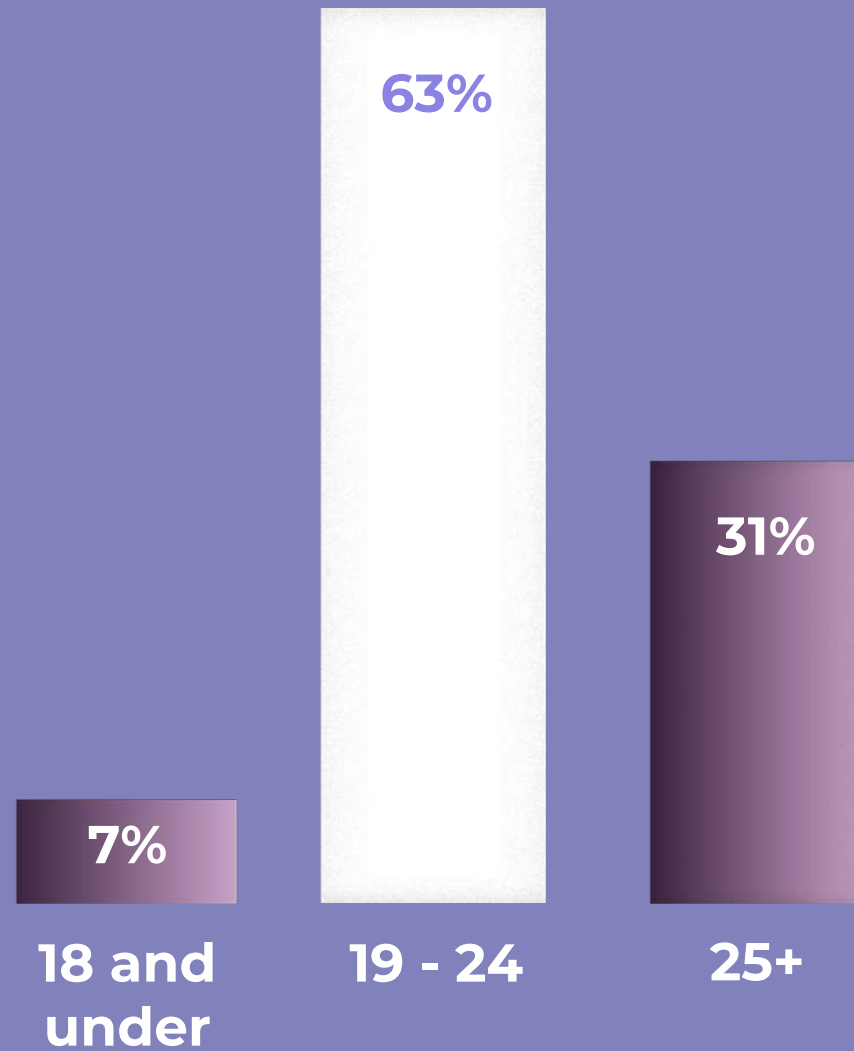
I liked the PS [Flagship] Program a lot, so when I had the opportunity to join a similar course, I was excited to use my knowledge.

”

**Mansour,
M, 15**

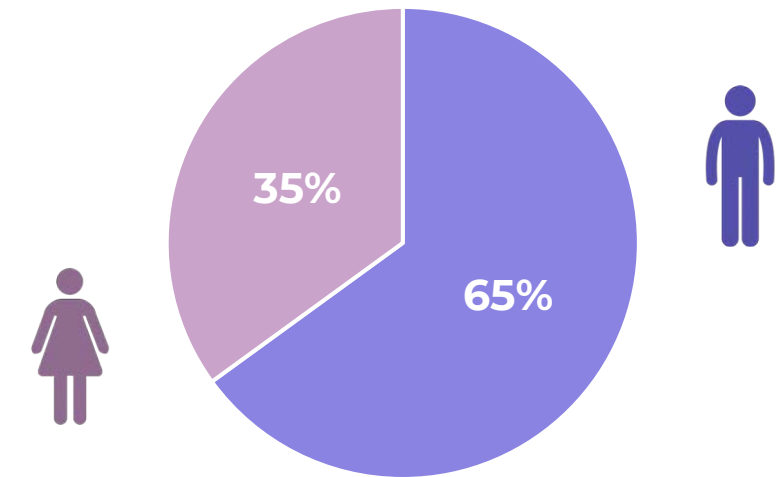
STUDENT PROFILE

AGE



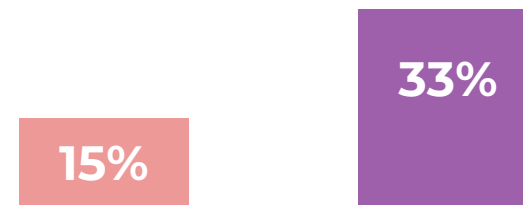
137
Students over
3 cohorts

GENDER



COMPLETION RATE

Global Phoenix Space



*Our research found that the avg completion rate of Massive Open Online Courses is between 5-15%.: <https://www.researchgate.net/publication/305490678>
Many of our students also face external constraints that led to low completion rates such as work and education obligations and internet/electricity issues

OVERALL STATS OF THE SERIES

FOUR PhD LECTURERS

**Dr. Deyan
Mihaylov**

Max Planck
Institute
Potsdam, Germany

**Dr. Simon
Foster**

Imperial College
London, UK

**Dr. Rana
Dajani**

Hashemite
University
Zarqa, Jordan

**Dr. Seyed
Abdolreza
Sadjadi**

Hong Kong
University's
Laboratory for
Space Research

367
Students over
6 lectures

SATISFACTION RATINGS

Survey scoring from 1 to 5
(5 = "strongly agree")

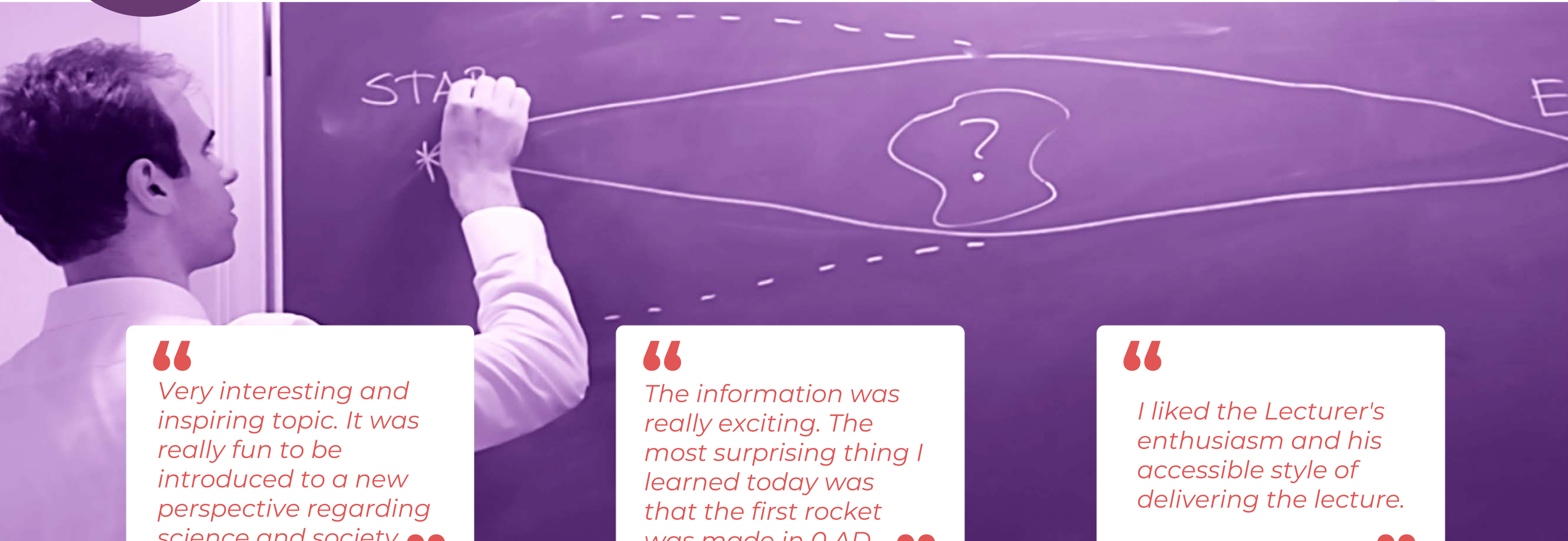
4.7

Motivation to
learn more
about STEM
subject areas.

3.6

Content was
easy to
understand

WHAT OUR PARTICIPANTS SAY



“

Very interesting and inspiring topic. It was really fun to be introduced to a new perspective regarding science and society.

”

Science &
Social Change
Lecture,
Age 19

“

The information was really exciting. The most surprising thing I learned today was that the first rocket was made in 0 AD.

”

Intro to
Rocket Science
Lecture,
Age 14

“

I liked the Lecturer's enthusiasm and his accessible style of delivering the lecture.

”

Our Living
Sun Lecture,
Age 23

WHAT OUR PARTICIPANTS SAY

103 Teams from 29 countries registered in 2021

Team Ecstatic Paradox from Nepal won the grand prize for their submission, "The Development Of Fungi-based Ecosystem And Sustainable Martian Society"

“

I loved the program. It has developed my capacity to multitask as I submitted my work while sitting for my exams.

”

Aaviskar,
M, 18

“

Young minds have exquisite solutions.

”

Dr. Ugur
Guvenc,
Senior
Judge

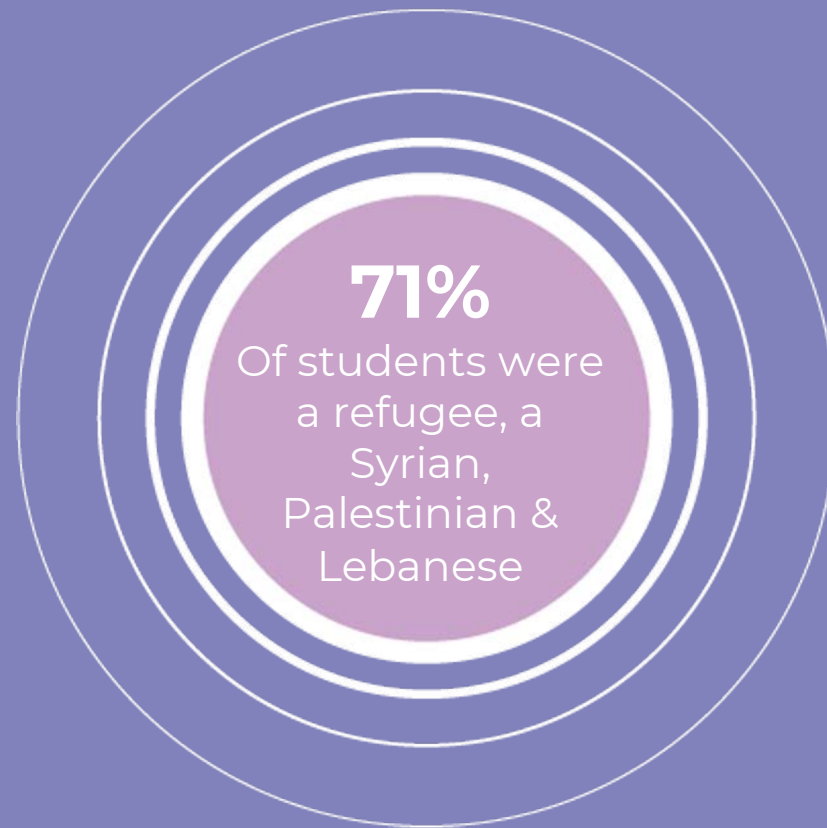
“

I was challenged to work hard and collaborate fully with my teammate.

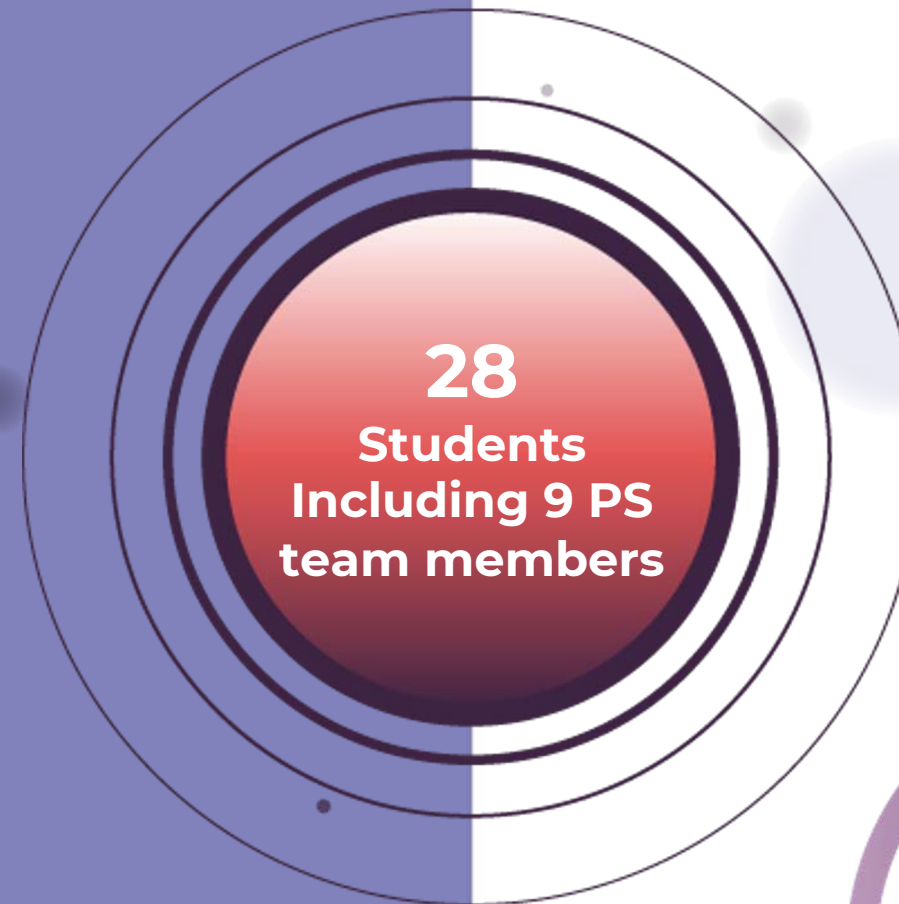
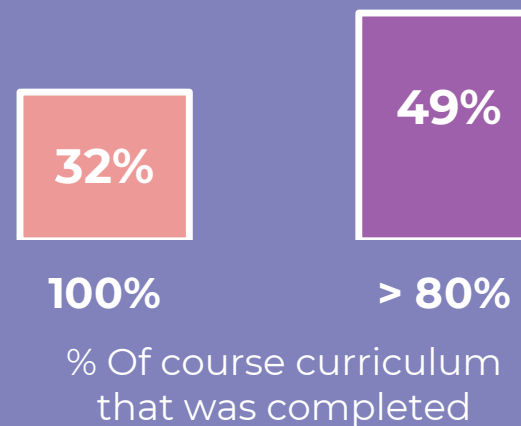
”

Varnika,
F, 18

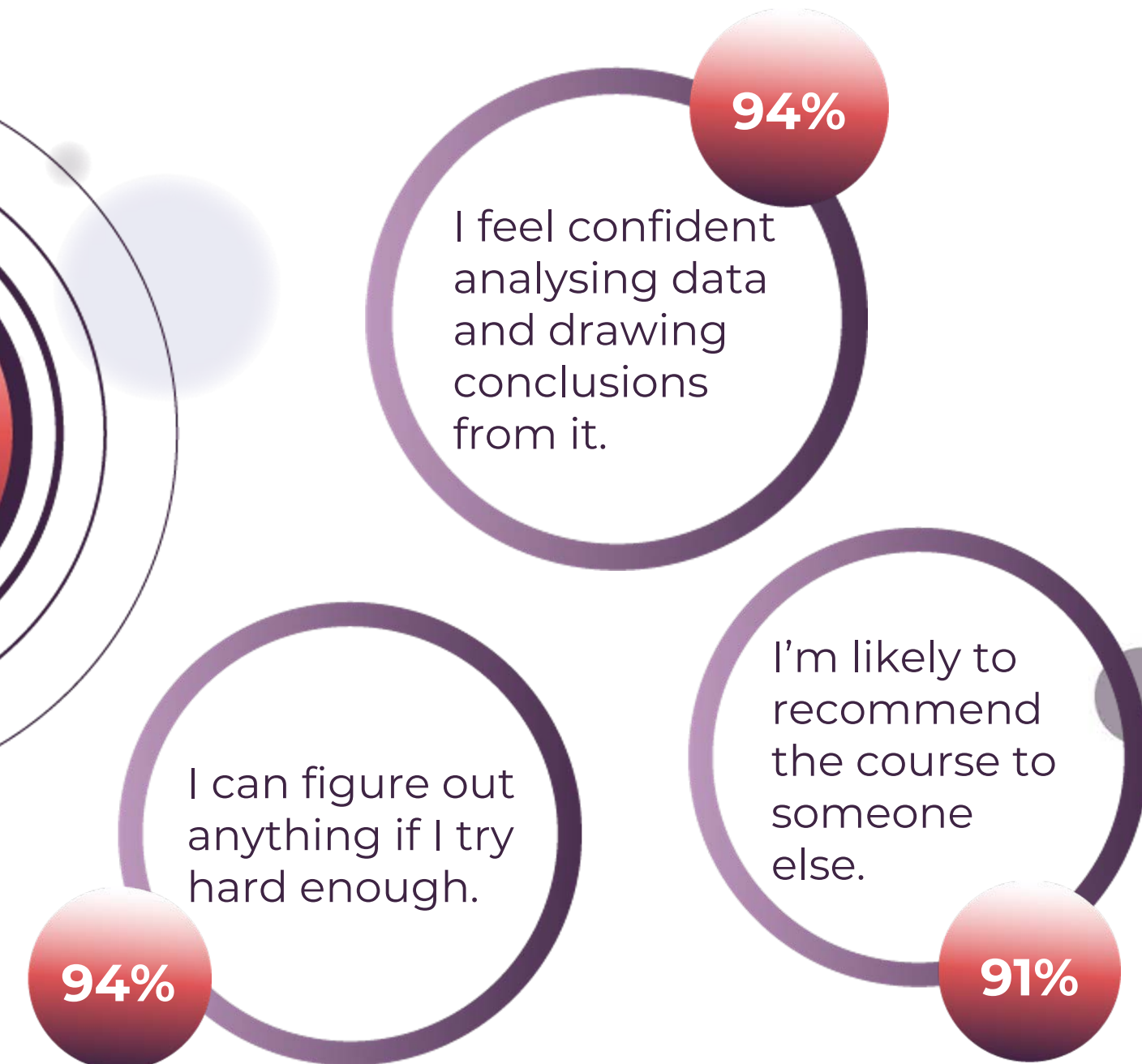
PROGRAM STATS



COMPLETION RATE



SATISFACTION RATINGS





phoenixspace.org

Contact us: info@phoenixspace.org