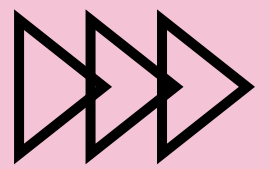




OXFORD ACADEMY OF EXCELLENCE

Girls In STEM



Educate-Innovate-Elevate

Why This Program Matters



In a world where science, technology, engineering, and mathematics (STEM) drive innovation and progress, the underrepresentation of women in these fields is a significant challenge. The Girls in STEM Program is dedicated to changing this narrative by empowering and educating adolescent girls around the globe. By nurturing their interest and abilities in STEM, we help them achieve their full potential and become catalysts for change in their families, communities, and countries.

Our Mission

Our mission is to bridge the gender gap in STEM fields by providing girls with the resources, mentorship, and opportunities they need to succeed. We believe that by investing in the education and empowerment of young girls, we are investing in a brighter, more equitable future for all.

Why Focus on Girls?

The gender disparity in STEM is stark. According to UNESCO, only 30% of the world's researchers are women. In the tech industry, the numbers are even lower, with women making up just 25% of the workforce. In engineering, women represent a mere 16% of the workforce. This gap limits the potential for innovation and growth. By focusing on girls, we address the root of this imbalance and work towards creating a more diverse and inclusive STEM landscape. Empowering girls in STEM not only benefits the girls themselves but also enriches the entire community by introducing new perspectives and ideas.



Inclusive Programs for All Girls

The Girls in STEM Program is committed to inclusivity, ensuring that all girls, regardless of their socioeconomic background or geographic location, have the opportunity to participate. We prioritise access for girls from low-income families, underserved communities, and developing countries. Our aim is to break down the barriers that prevent these girls from pursuing STEM education and careers.



Our Programs

Future Doctors Program

The Future Doctors Program is designed for girls who aspire to pursue careers in medicine and healthcare. This program is designed in collaboration with academics working at leading institutions and organisations such as Harvard University, the University of Oxford, Yale University, NASA, etc.

We offer blended courses focused on anatomy, clinical studies, and biochemistry. Our goal is to equip these future doctors with the knowledge and skills they need to succeed and make a meaningful impact on global health. Additionally, we collaborate with leading experts in medicine and science from renowned institutions such as Harvard University, Yale University, the University of Oxford, and NASA. These professionals support our mission by sharing their invaluable experiences and empowering the girls in our program.

Girls in STEM Program

Our core Girls in STEM Program offers a comprehensive curriculum that covers a wide range of STEM disciplines, including aerospace engineering, aviation, mathematics, biology, data science, and biochemistry. Through engaging projects, interactive learning experiences, and supportive mentorship, we inspire girls to explore and excel in these fields. We aim to spark their curiosity, fuel their passion, and build their confidence to pursue STEM careers.

Support Our Mission

We seek support for these programs to ensure they continue to run and expand. Your contributions can make a significant difference in providing the resources and opportunities these girls need. We need:

- **Funding for Scholarships:** To offer financial support to talented girls, enabling them to pursue higher education in STEM fields.
- **Resources for Workshops and Seminars:** To organise regular events with leading women in STEM, providing inspiration and networking opportunities.
- **Support for STEM Clubs:** To establish and maintain community-based clubs where girls can engage in STEM activities and projects.
- **Parental and Community Outreach:** To provide workshops and resources that help parents and community leaders support girls in their STEM pursuits.

www.change-makers.io

info@changemakers.io

Join Us

Are you ready to make a difference? Join us in our mission to empower the next generation of female leaders in STEM. Together, we can create a world where girls have equal opportunities to learn, grow, and succeed. For more information, visit our website www.change-makers.io or contact us at info@changemakers.io