



## INTRODUCING AFRO-TECH GIRLS STEM @ HOME KIT

### Introduction

African Girls in Science and Technology Initiative (Afro-Tech Girls) is a non-profit organisation with the aim of increasing Science, Technology, Engineering and Mathematics (STEM) enthusiasm and participation in young African girls and women. Since inception in 2014, we have hosted a number of events and workshops ranging from summer bootcamps to science competitions and have impacted the lives of over 650 girls and young women.

### STEM at Home kit

We are pleased to introduce our first product recently launched in September, a STEM @ Home kit designed with kids (age 10+) who love Science, Technology, Engineering and Mathematics (STEM) and experimenting with things they find around them. The kit contains two experiments, materials required, the STEM learning briefs and a step-by-step guide. Through the kits, the kids get the opportunity to learn how to make **their own lip balm** and build a robotic **prosthetic arm**.

This product aims to help kids learn at home without any boundaries like power and internet access, especially with recent adaptation to hybrid/remote learning. With these activities, the kids will be able to learn basic STEM principles like chemical reactions and prosthesis through hands-on, fun and creative experiments from the comfort of their home.

It aims to provide the practical application of STEM principles in fun and exciting ways from home.

### Benefits

- A simple yet engaging way to encourage STEM enthusiasm in young girls
- Provides a fun and exciting way for kids to learn and apply science and technology through experiential learning
- Experiments require minimal supervision
- Does not require power or internet access
- All materials are included, no extra material are compulsorily required
- Branded Afro-Tech Girls stationery to help them document learnings or journal

### Conclusion

We would recommend the STEM @ Home kit for your student's extra-curricular activities to ensure they are continually engaged in STEM in a way that is fun, practical and will enhance their learning.

For further enquiries, you can contact us via email on [projects@afrotechgirls.org](mailto:projects@afrotechgirls.org) or over the phone at 0809 441 1331. To learn more about our organization and what we do, visit our website [www.afrotechgirls.org](http://www.afrotechgirls.org)

Afro-Tech Girls

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