

## Impact Report: 'SIAD' (Stem In A Day)

This report details responses made by the students who attended the STEM in a Day event hosted by EY and Stemettes on 15<sup>th</sup> July 2016.

**Schools who attended:** Preston Manor School and Capital City Academy

**Ages:** Year 7 and 8 (12-13 y.o.)

**Number of girls who attended:** 20

### Objectives:

- To inspire girls in attendance into STEM roles, particularly Technology and Engineering roles
- To introduce girls to the real STEM industry environment.
- To give girls an opportunity to interact with real women in STEM roles
- To help girls explore a STEM career by designing and building in accordance to a STEM brief (Music festival app)
- Gain leadership and communication skills through paired working and pitching ideas to a panel of judges

Since the event, teachers have been in contact to thank all involved and to share the girls' buzz about the day. From the girl's feedback, objectives of the day were met and the girls enjoyed learning what life is like within the STEM sector.

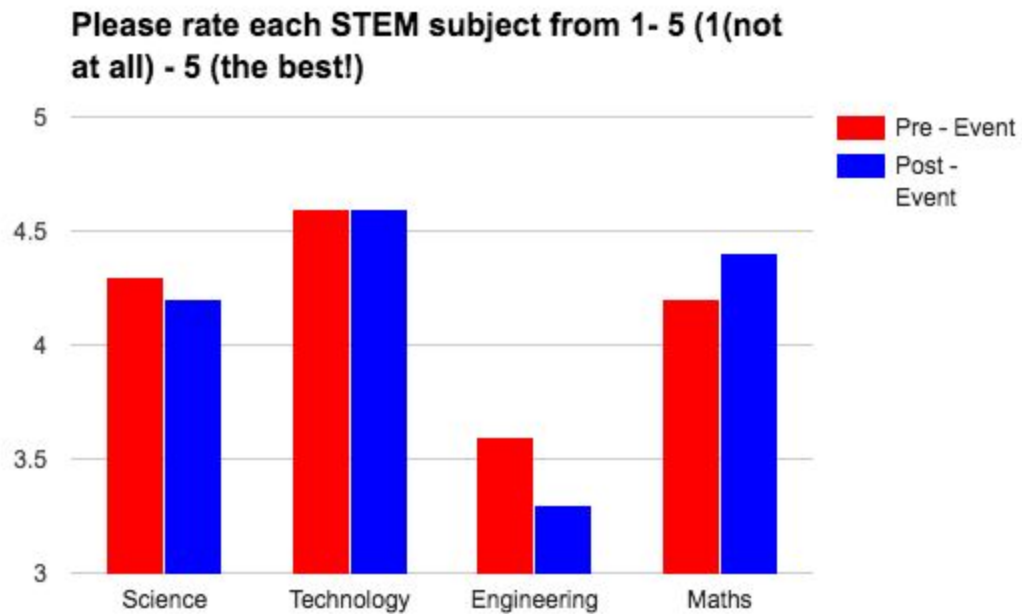
- The session received an overall rating of 4.8 out of 5
- 90% said they would like to attend another event
- Out of the 20 girls: 10 had coded before the event, after the event 17 wanted to code again.

Responses show the girls most enjoyed **'being allowed to actually use the technology, for example, the virtual reality headset, and the appshed software'**, **'seeing everyone's presentations and what they did'** as well as the scrummy food provided by EY and the amazing goody bags!

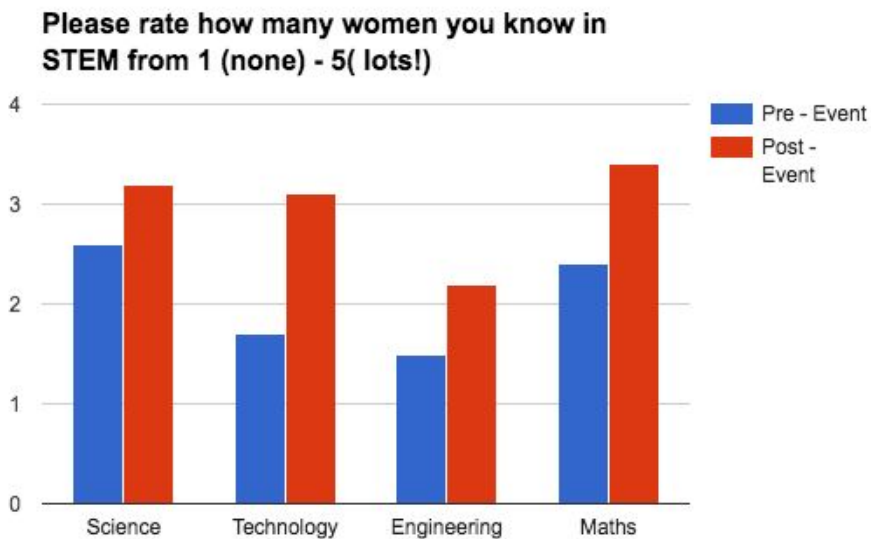


Despite the challenge of creating an app, which they had never done before, presenting was stated as most challenging. The following charts represent the changes in perception and/or attitudes to STEM subjects/careers before and after the event.

*Science, Engineering, and Maths increased amongst the girls after*



*more women who work within STEM, with*



Overall, we can see a positive shift in attitudes towards careers in STEM, with the girls now feeling more confident in themselves and their ability. Interacting with other women in STEM was an inspiration and increased the girls' awareness of women in industry.

A few favourite comments:

id"

on!

# STEMettes

♥ ★ # +

