



First released Autumn term 2017

## Starters

**Announcements..... 3 mins**

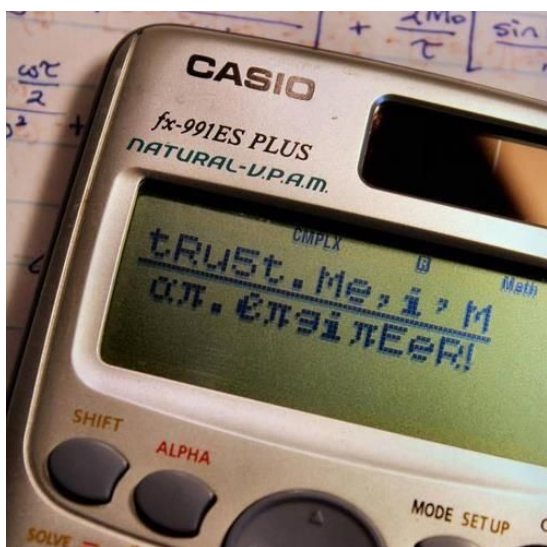
Nearby upcoming STEM events & competitions, Club member achievements and welcome new members.

**Snack, Cackle & Pop..... 2 mins**

**Eat:** Clementines. Yum

**Listen:** 'Walking on Sunshine' by Katrina & the waves

**Science Meme:**



**Meet Her..... 5 mins**

Dr Nike Folayan is a Chartered Engineer with a doctorate in Electronic Engineering. She has worked on smalls aerials for vehicles to providing radio networks within large tunnels across the UK. Currently, she is an Associate Director at WSP and chairperson of AFBE-UK London. Nike is also mentor at Croydon supplementary education project and has won awards for community involvement.

Watch [youtu.be/mDpJUcOm5GA](https://youtu.be/mDpJUcOm5GA) (2 min)

## Mains *choose ONE only*

**MAKE..... 15 mins**

Work in small groups and make paper aeroplanes to see whose can fly the furthest. Modify wings and body each round. After five rounds, the winners will be determined. Assess what properties of this aeroplane allowed it to outfly the others. (Smaller wings? Thinner body?)

**EXPLORE..... 15 mins**

Dr Nike is an engineer who currently works for WSP. Make an infographic about three engineering companies. Include interesting information e.g. their mission and locations.

## Desserts

**Share with us ..... 2 mins**

Upload a photo of your MAKE or summary of your EXPLORE to the online forum. Or tweet/instagram it (remember to tag us)

**Club Register..... 1 min**

Let us know the OtotheB usernames of people who attended this week in your group on MightyBell. You'll get less points per non-OtotheB person on your register.

**Ask Her..... 2 mins**

Post your Questions for Nike to the Agony Aunt Topic.

**Digest..... 2 mins**

Do the #014 Digest on OtotheB, before the end of the day.