



Starters 10 mins

Announcements..... 2 mins

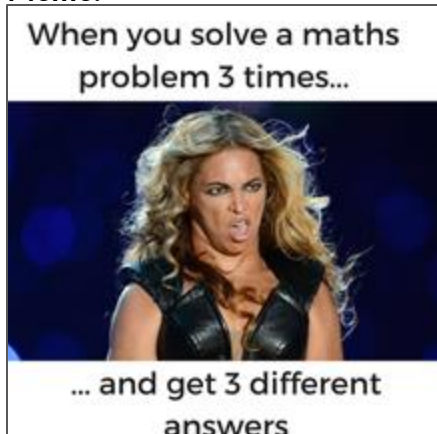
Nearby upcoming STEM events & competitions (check out 'Upcoming Events' on OtotheB app), announce club member achievements and welcome new members.

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

Eat: Fruit salad. Yum

Listen: 'Came Here for Love' by Ella Eyre

Science Meme:



Meet Her..... 6 mins

Bindi is a maths professor at the University of Nottingham and researching the application of maths to medicine.

Watch: (2 mins)

<https://www.youtube.com/watch?v=TYx-sdtD6Ew>

Discuss after video:..... (4 mins)

- Any thoughts about the video?
- Can you think of any ways maths and biology overlap?

Mains 15 mins - choose ONE only

MAKE..... 15 mins

Research to find out why maths is important in biology and make an infographic/ poster about how maths and biology overlap. Post your creations into MightyNetworks for extra points.

EXPLORE..... 15 mins

Use mathematical modelling to see how maths is used to predict the spread of biological diseases/ illnesses. Go to: <https://nrich.maths.org/4489> and model a disease/ illness on a population by changing the probabilities and record the effects. Then see what happens if vaccinations were given to the public, how does this change the results? What other interventions could save more of the population?

Desserts 5 - 10 mins

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 MightyNetworks. You'll get more points per OtotheB member on your register.

Ask Her..... 2 mins

Post your Questions to the Agony Aunt Topic.

Digest..... 2 mins

Do the #026 Digest on OtotheB and MightyNetworks or bit.ly/digest026