



First released Autumn term 2017

Starters

Announcements..... 3 mins

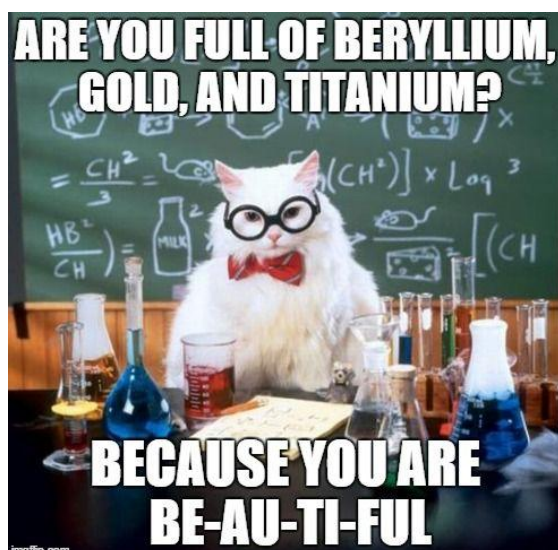
Nearby upcoming STEM events & competitions, Club member achievements and welcome new members.

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

Eat: Apples. Yum

Listen: 'I will Survive' by Gloria Gaynor

Science Meme:



Meet Her..... 5 mins

Stephanie was a chemist and the creator of Kevlar: a heat-resistant material that's 5x stronger than steel. Today, it is used in hundreds of products, including bulletproof vests and spacecrafts. Originally, she was planning to go to medical school but she ended up at the polymer research department of DuPont which she eventually headed until her retirement.

> Watch a short interview of her at

<https://www.youtube.com/watch?v=8dX3Z5CyF3c>

(3 min video)

Mains *choose ONE only*

MAKE..... 15 mins

Smart materials are the future. What sort of properties would you want a smart material for your uniform to have. Research and suggest smart materials for your uniform or for an activity you really enjoy doing. Create an infographic about the new smart materials

EXPLORE..... 15 mins

Create a poster or infographic on Kevlar and the life of Kwolek. Use Google Slides, PowerPoint or Piktochart.

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 burning career Questions for our STEM role models to the Agony Aunt Topic.

Digest..... 2 mins

Do the #011 Digest on OtotheB, before the end of the day.