



Starters 10 mins

Announcements..... 3 mins

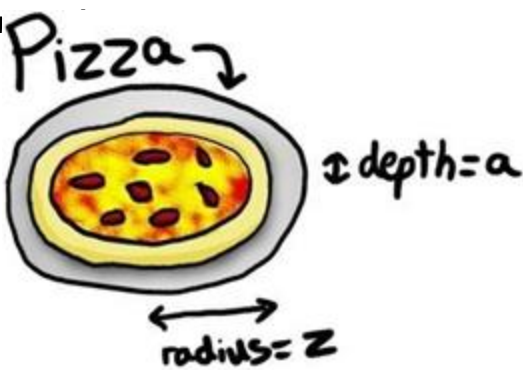
Nearby STEM events & competitions (check out 'Upcoming Events' on OtotheB app), announce club member achievements and welcome new members.

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

Eat: Chocolate cookies. Yummy!!

Listen: 'Dye My Hair' by ALMA

Scie!



$$\text{Volume} = \pi (z \cdot z) a$$

Meet Her..... 5 mins

Ada Lovelace was a British mathematician. She is widely considered the first person to write instructions for computer programs in the 1800's!

Watch: (4 mins)

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

Discuss: (2 mins)

- ★ What did you think of the video?
- ★ What would the world be like if Ada hadn't invented the computer? Imagine a life without computers.

Mains 15 mins - choose ONE only

MAKE..... 15 mins

Create a storyboard of Ada Lovelace's life. You could either draw it, create a powerpoint or you could also use snapchat stories and act out the events in her life.

- ★ Take photos of your storyboards or save your videos and post them in MightyNetworks or post them on social media and tag @stemettes for extra points!

EXPLORE..... 15 mins

Go to: <https://codeclubprojects.org/en-GB/scratch/poetry-generator/> and follow the instructions of code Ada Lovelace and her poem making machine.

- ★ Ada had to write instructions/ code for the first computer, how do you think this compared to the instruction you have just written for the poem machine?

Desserts 5 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 @stemettes).

Ask Her..... 2 mins

Post your Questions to the Agony Aunt Topic.

Digest..... 2 mins

Do the #031 Digest on OtotheB and MightyNetworks or bit.ly/digest031