



## Starters 10 mins

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

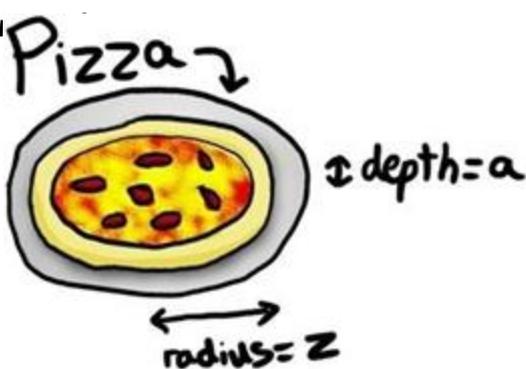
Nearby STEM events & competitions (check out 'Upcoming Events' on OtotheB app), announce club member achievements and welcome new members.

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

**Eat:** Chocolate cookies. Yummy!!

**Listen:** 'Dye My Hair' by ALMA

Scienc



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

**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](http://bit.ly/digest031)