



Starters 5-10 mins

Announcements..... 1 min
Check OtotheB for upcoming events, share achievements & welcome new members.

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

**The Romans didn't
find algebra very
challenging, because
X was always
10.**

Pop: Stemillions Playlist on Spotify

Meet Her..... 5 mins
Abby is a Software Engineer who writes code for people working in Finance, which is much more fun than it sounds. She likes reading, puppies, and kickboxing - ideally not all at the same time, though.

Watch: bit.ly/066MeetHer

Discuss:

- ★ What do you have in common with Abby?
- ★ What does a Software Engineer do?
- ★ What is your favourite book to read at the moment?

Desserts 5 mins

Share with us 1 min
Upload photos on Twitter or Instagram and tag @Stemettes and #Stemillions.

Ask Her..... 2 mins
Got questions to an Agony Aunt here:
bit.ly/askagonyaunt

Digest..... 2 mins
Do the #066 Digest: bit.ly/digest066

Mains 20 mins - choose ONE only

MAKE..... 20 mins
Abby is a Software Engineer who specializes in coding for finance companies and people working in finance, but there are many different types of Software Engineer. Make a poster/mind map exploring the different types of Software Engineering. Include:

- ★ What do they do?
- ★ What do you have to study to do this career?
- ★ Can you find females who do this type of engineering?

EXPLORE..... 20 mins
The Trading Game: For this game you will need one referee/judge. The rest of the club should split into 3 groups of equal size. Each group is now a country who will be manufacturing paper shapes in return for money from the judge. The shapes you will be manufacturing are:

- ★ Circle (5cm diameter) = £80 for 10 circles
- ★ Triangle (sides 3,4,5cm) = £40 for 10 triangles
- ★ Square (5X5 cm sides) = £10 for 5 squares

When you complete a batch, the judge will inspect and decide if your shapes are good enough and will decide if you get paid. One country will be given: scissors, 1 sheet of paper, ruler, pencils, protractor, compass. Another group will be given pencils, rules and 4 sheets of paper. And the third country will be given pencils and 10 sheets of paper. You have 15 minutes to make as much money as possible.

- ★ How will you acquire the resources necessary to make all the shapes?
- ★ Which team is the winner after 15 mins?