



Starters 5-10 mins

Announcements..... 1 min
Share club member achievements.

Snack, Cackle & Pop..... 2 mins
Snack: Pears - yummy!

Cackle:



Pop: Stemillions playlist on Spotify:
bit.ly/stemillionsplaylist

Meet Her..... 5 mins
Hannah Fry is a mathematician and science presenter. She is an Associate Professor in the Mathematics of Cities at the Centre for Advanced Spatial Analysis at UCL. She has also written three books, her first book was the 'The Mathematics of Love: Patterns, Proofs' which is also the title of her TED talk.

Watch: bit.ly/062MeetThem

Discuss:

- ★ If you had a book written about you, what would it be called?
- ★ What is your favourite topic in maths?

Mains 20 mins - choose ONE only

MAKE..... 20 mins
Design a front cover and blurb of a book about your favourite STEM topic. Take a little look at Dr Fry's book's here for some inspo: bit.ly/062make. You could draw them or you could design the front and back cover on the computer. Think about:

- ★ What is going to be in the book?
- ★ What will the chapters be called?
- ★ How much will your book be sold for?
- ★ Where will your book be sold?
- ★ Is there a sequel & what will it be called?

EXPLORE..... 20 mins
Spatial Analysis looks at the population in certain areas. Take a look at the population estimates in your nearest city: bit.ly/062explore

- ★ What is the population?
- ★ Which age range is most common?
- ★ Which age range is least common?

Now compare these numbers to a rural area

- ★ What do you notice about the population or the most and least common age ranges?
- ★ Why do you think this happens?

Think about the facilities needed in a rural vs. urban area. Design a town center for a rural and an urban area to suit the needs of the local population.

Desserts 5 mins

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

Ask Her..... 2 mins
Got a question? Ask Away! bit.ly/Ask-Away

Digest..... 2 mins
Digest this Meal Plan bit.ly/digest062