



# Rosalind Sermans

First released for Outbox 2020

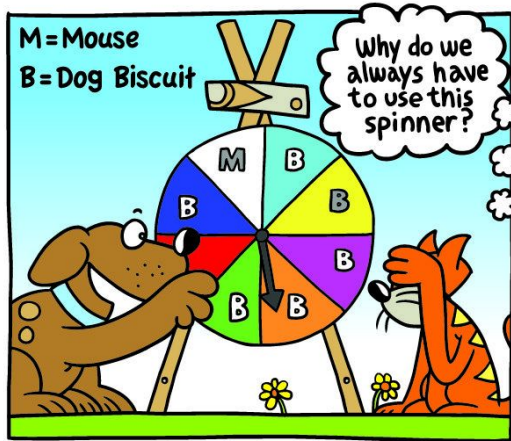
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## Starters 15 mins

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

Snack: Before we begin, grab a snack!

Cackle:



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**"Let's spin to decide what we will have for lunch."**

Pop: Stemillions playlist on Spotify:

[bit.ly/stemillionsplaylist](http://bit.ly/stemillionsplaylist)

Meet Her..... 5 mins

Rosalind is a Principal Architect at Guidewire Software. She has been at Guidewire Software for 10 years working her way up from an Implementation Architect. Guidewire combine digital, core, analytics, and AI to deliver a platform as a cloud service. Rosalind graduated from Brunel University London with a Bachelor's degree in Systems Engineering with German.

Discuss:

- ★ Roz can speak German, if you could speak any language, what would it be and why?
- ★ What do you think of Roz's job?

## Mains 40 mins - choose ONE only

MAKE..... 40 mins

**You will need: pens, plain paper, colouring pencils.**

Housing insurance protects people's home from damage like floods and fires, it also protects people's belongings inside the house. The safer the house, the lower the insurance will cost for the owners. Design a house of the future that will have very low home insurance. You can get creative with your designs. Think about:

- ★ How can you protect the house from burglars?
- ★ How can you protect the house from fire, floods, hurricanes?

Show everyone your house of the future.

EXPLORE..... 40 mins

**You will need: a coin, pen, plain paper.**

In this activity we will be looking at a concept in insurance know as 'The Law of Large Numbers'. You will be flipping a coin as many times as possible in 2 minutes, the more the better. After each time, you need to tally/record whether it landed on heads or tails. After 2 minutes you will need to make a bar chart to show how many times it landed on heads, and how many it landed on tails. Mathematicians say that if you take any event (like flipping a coin) and record lots and lots of trials, the results get closer and closer to the actual probability, eventually getting so close that you can just accept the result as the actual probability. So you should notice your results are close to 50:50.

## Desserts 5 mins

Share with us ..... 1 min

Upload photos on [Twitter](#) or [Instagram](#) and tag @Stemettes and #Stemillions.

Ask Away..... 2 mins

Got a question? Ask Away! [bit.ly/Ask-Away](http://bit.ly/Ask-Away)

Digest..... 2 mins

Digest this Meal Plan - fill out the feedback form.