



First released for Outbox 2020

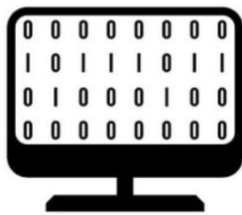
Starters 5-10 mins

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

Snack: Before we begin, grab a snack!

Cackle:

**There are 10 kinds
of people:**



**those who understand
binary and those who
don't.**



Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Meet Her..... 5 mins

Anisah is the Chief Technology Officer and Head of Ecommerce at VinoKilo, a German vintage fashion brand. She was also the CEO and Founder of an all women and non-binary young people coding school called 23 Code Street.

Watch: [Meet Anisah here](#)

Discuss..... 3 mins

- ★ *Anisah loves running and is training for a marathon, what are your favourite sports?*
- ★ *How many different coding languages do you know?*

Mains 20 mins - choose ONE only

MAKE..... 20 mins

Ingredients: coloured sweets, plain paper.

Anisah loves to code. In this activity we will look at binary code and spell your name using binary.

1. *Down the side of the paper, write each letter of your name.*
2. [Now take a look at the binary alphabet here.](#)
Next to each letter of your name put the code.
3. *For each letter of your name, choose one colour sweet to represent '1' and a different colour to represent '0'.*
4. *Work through all the letters of your name. By the end, you will have your name written in binary code.*

Remember to take a photo of your coded name.

EXPLORE..... 20 mins

Ingredients: pen & paper or somewhere to write down notes.

In this activity, you will code a robot. Coding is the same as writing instructions for a computer. 1 person is the robot and it is your job to write instructions for the robot to stack 3 cups, with 2 at the bottom and 1 on top. There are 4 words you can't use:

- | | |
|-------|---------|
| ★ Put | ★ Place |
| ★ Get | ★ Stack |

Write down your instructions and see if the robot can successfully stack the cups. Robots are dumb and need very specific instructions. Keep editing your notes until you have stacked the cups. If that was easy, try a different activity like making a sandwich.

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

Digest..... 2 mins

Digest this Meal Plan - fill out the feedback form.