STEMillions
Cristina Pascalau

First released Spring Term 2018

Ark Alumni - Hivebrite

Meal Plan
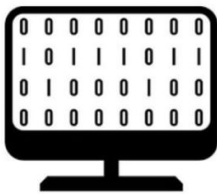**#034**
30 mins

Starters *5-10 mins*

Snack, Cackle & Pop............................... 2 mins
Snack: *we ♡ food, grab a snack before beginning!*
Cackle:

There are 10 kinds of people:

```
0 0 0 0 0 0 0 0
1 0 1 1 1 0 1 1
0 1 0 0 0 1 0 0
0 0 0 0 0 1 0 0
```

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

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

Meet Her... 5 mins
Cristina is a Front-End software developer within FICC at Bank of America. In 2018, she was voted CodeFirst:Girls UK 25 Under 30 Ones to Watch. Watch our interview with Cristina below to find out more.

Watch: *meet Cristina here*

Discuss:
- ★ *What do you think a Software Developer does?*
- ★ *If you could created an app, what would it do? And what would it be called?*
- ★ *What's the difference between a front office developer and a back office developer?*

Mains *20 mins - choose ONE only*

MAKE... 20 mins
***You will need:** paper & pen.*
To be a front end developer, you need to be good at coding. Another important concept in coding is abstract thinking and using symbols to represent specific instructions. Assign each letter of the alphabet a different value or symbol. Once you've created your code, it's time to create a secret message for others to decode. Write out a sentence using your new alphabet and leave the key so others can decode it.

EXPLORE.. 20 mins
***You will need:** paper, mobile, colouring pencils.*
Cristina develops the front end of apps & websites for Bank of America. In this activity you will design the front end of your own app. Before we begin you will need to download POP (Prototype On Paper), it's free to download on iPhone and Android.
You will firstly design an app on paper to help you or someone else in your house everyday. You need to draw & colour in each page of your app. You might want to include:
- ★ *Alarms to wake you up in the morning.*
- ★ *Reminders to do homework or chores.*
- ★ *Reminders to drink water?*
- ★ *Tracking of how much exercise you've done.*
Once you've designed all your pages you need to open POP and take photos of each page. You can add in buttons and pictures to bring your app to life.

Desserts *5 min*

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

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

Digest.. 2 mins
Digest this Meal Plan - complete this form.