

STEMillions Marina Johnson



Meal Plan
#004
30 mins

Week beginning February 13th 2017 and onwards

STARTERS

Announcements..... 3 mins
Nearby upcoming STEM events & competitions,
Club member achievements and welcome new members.

Snack, Cackle & Pop..... 2 mins
Eat: An Orange, any kind will do

Laugh: What kind of chain is edible?
A food chain!

Listen: The Cure & The Cause by Fish Go Deep

Meet Her..... 5 mins
Marina Johnson, Analyst at Morgan Stanley who develops trading algorithms for the Investment Bank.
<https://youtu.be/GLMQcv993zQ> (3 min video)

DESSERTS

Share with us 2 mins
Upload a photo of your MAKE or summary of your EXPLORE to the online forum.

Ask Her..... 2 mins
Post your Questions for Marina to the Agony Aunt Topic.

Digest..... 2 mins
Do the #004 Digest on OtotheB, before the end of the day.

MAINS

Morgan Stanley

MAKE..... 15 mins
Marina uses Linear Interpolation in her job to work out how much money can be made from Government Bonds.
Watch the first 1:30 only.
<https://www.youtube.com/watch?v=ODT6WBwZJbw>

Have a look through this and create a A1 wall display about Marina, Government Bonds and the Maths involved.



This is a UK Government bond from the 1930s

EXPLORE..... 15 mins

Marina trades Government Bonds. Research how much each of these are. How do these prices differ across countries and time periods?

If you had £1000 as a club, which bonds would you invest in? How much would they pay back in the next year? How much profit would you make, and what is this as a percentage of the original £1000?

Marina is an Analyst at Morgan Stanley. What other kinds of roles are available at Morgan Stanley?