STEMillions

Kamlah Kew

First released Autumn Term 2018

Starters *5 - 10 mins*

Announcements.. 1 min
STEM events/competitions (check OtotheB), share achievements and welcome new members.

Snack, Cackle & Pop............................. 2 mins
Snack: Percy pigs. Yummy
Cackle:

Parallel lines have so much in common... it's a shame that they'll never meet.

Pop: Sweet but Psycho by Ava Max

Meet Her.. 5 mins
Kamlah Kew studied Engineering at UCL and Imperial College London. She is now a traffic control engineer making sure the traffic lights are up to the capital city challenge! She designs traffic scheme signals and oversees them being implemented on our streets.

Watch: *Meet Kamlah here*

Discuss:
- ★ *What do you think of Kamlah's job?*
- ★ *How many traffic lights do you think there are in the UK?*
- ★ *What is the longest journey you've been on?*

Mains *20 mins - choose ONE only*

MAKE... 20 mins
*Head to scratch and we will learn to code our own traffic light sequence just like Kamlah does, Follow these instructions, using scratch. If you find scratch easy try to create a traffic light sequence without the instructions. If you're looking to push yourself, could you create a road with a series of traffic lights and get cars to stop and start at the correct times? Post your creations into MightyNetworks and share with us on social media using **#stemillions**.*

EXPLORE.. 20 mins
Traffic Control Engineers are not only needed for the roads, we also need them for the traffic in the air and for our trains too. Research some of these jobs - here is a good place to start.
- ★ *Find some other women who do these jobs.*
- ★ *What qualifications do you need for these jobs?*
- ★ *What does their job entail?*
*Create a poster about these different jobs and post a photo of your posters to MightyNetworks or tag us in a photo on our socials (**@Stemettes**).*

Desserts *5 mins*

Share with us .... 1 min
Upload photos of your club to MightyNetworks or twee/ instagram us @Stemettes

Ask Her....................................... 2 mins
Post any STEM questions to the Agony Aunt Topic in MightyNetworks

Digest.. 2 mins
Do #058 Digest by searching bit.ly/digest058 in the URL bar - remember to tell us your OtotheB usernames for double points