STEMillions Dr. Tessa Lau

First released Autumn Term 2018



Meal Plan #054 30 mins

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:

Why did the robot cross the road? Because he was programmed to do it.

Pop: 'Kiss & Make Up' Dua Lipa & BLACKPINK

Watch: Meet Tessa in this video

Discuss:

- ★ If you could make a robot, what would it do?
- ★ What do you think was the best bit about Tessa's job?
- ★ Before you watched Dr. Tessa's video, what did you think a Robot Whisperer did?

Desserts 5 mins

Share with us 2 mins Upload photos to MightyNetworks or Twitter

Mains 20 mins - choose ONE only

Humanoids, like Sophia, are robots that look and behave like humans. In this activity you will make a robotic hand. Firstly draw round your hand onto a piece of cardboard and cut it out. Now mark all the joints on your hands and score these with scissors or fold neatly. Cut straws into small pieces and tape one piece between each joint leaving small gaps and tape one straw at the wrist. Cut 5 long pieces of string, and thread one piece through each finger and then thread through the wrist straw. You should now be able to control your hand. How easy is it to control your hand? If you created an arm with a tube of paper is it easier or harder? Post photos of your creations on MightyNetworks or Twitter and tag @Stemettes.

Ask Her...... 1 min Post any questions to the Agony Aunt Topic Digest...... 2 mins Do #<u>054 Digest</u> on MightyNetworks or bit.ly/digest054

Visit stemillions.club to connect with other CSO's. Any queries? Email stemettes@gmail.com or post in Mighty Networks.