



Starters 5-10 mins

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

Snack: Before we begin, grab a snack!

Cackle:

Set your WIFI password to
2444666668888888

MEME

When your friend ask,
just tell them 12345678

Pop: Stemillions playlist on Spotify:

bit.ly/stemillionsplaylist

Watch:2 mins

Take a look at what it's like to work at Vodafone.

[Watch this video.](#)

Meet Her..... 5 mins

Michelle joined Vodafone two years ago. Her job at Vodafone is to lead a team of engineers who are responsible for looking after the Vodafone UK Mobile and Broadband networks. They watch the networks 24 hours a day, every day and fix it when it breaks.

Discuss:

- ★ What do you think Vodafone does?
- ★ How many different countries do you think Vodafone works in? [Check the answer here.](#)

Mains 20 mins - choose ONE only

MAKE..... 20 mins

You will need: pens and paper.

Michelle works to make sure everyone can stay connected. In this activity we will explore how important this is.

1. You have 2 minutes (set a timer), how many objects around your home connect to the internet?
2. Now choose one of these objects and pretend it can't connect to the internet. What would your day look like without this object? Would you miss this object?

Think about:

- ★ How this would affect other people, like shops and businesses?

Now you know a bit more about how important Michelle's job is!

EXPLORE..... 20 mins

You will need: pens, paper and the Keywords sheet.

There are a lot of keywords and phrases used by network engineers. In this activity we will learn what these mean. Choose 6 words from this list, but don't tell anyone which words you have chosen. These are all words Michelle has to know. One person will randomly read out the definition of a word, if you have this word cross it off your list. The first person to cross all the words of their list needs to shout 'BINGO' as quickly as possible. They win!

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 - [complete this form here.](#)



Keywords

These are all words Michelle needs to know. Look at these words and their definitions or keep this sheet so you can look at it. Choose 6 words but don't tell anyone which ones you are choosing!

Computer - an electronic device which can connect to a network.

Firewall - A firewall is a barrier between a computer and the internet. It is often used to stop virus' reaching your device.

Mobile Network - A communication network where the last link is wireless.

Vodafone - The company Michelle works for and provides broadband mobile network for their customers.

Engineer - a person who designs, builds, or maintains engines, machines, or structures.

Broadband - A high-speed internet connection.

System - a set of things working together as parts of a network.

Bandwidth - The measurement of a broadband connection.

Intranet - A private communications network created using World Wide Web software.

LAN - Local Area Network. A network covering a limited area, such as an office or home.

Router - A router directs traffic on a network.

SIM - A memory chip which allows you to access mobile network services.

Network - Two or more computers connected together to enable the sharing of data.