

MEET THEM

15 MINS



Charlotte is a medical scientist currently working at a company providing **education and advice to doctors and patients**. Charlotte used to work as a scientific researcher at a hospital in London – here she spent 4 years researching how to transplant liver cells into children with damaged livers. Her job was to try and keep the cells alive and functioning for as long as possible. The patient’s liver would then have time to recover and then function normally without needing a transplant.

**First watch Charlotte talk about her career.**

**Discuss:**

- What do you think of Charlotte’s job?



ACTIVITIES

MAKE

40 MINS

*Ingredients: Internet access*

**Charlotte is a Medical Science Liaison. This means they concentrate on a specific disease state:**

Oncology • Cardiology • Stomach and intestine illnesses • Infectious diseases

1. Choose one of these areas and research it so you can be like Charlotte. Research your area to find out:
2. What does the title mean?
3. What are some common illnesses?

Make a presentation about your chosen topic.

OR



EXPLORE

20 MINS

*Ingredients: lots of string, scissors, tape measure*

**Charlotte works at Ferring Pharmaceuticals who specialise in gastroenterology. This is the branch of medicine focused on the digestive system. In this activity we will look at the length of each section of the digestive system:**

- Mouth = 4 inches
- Esophagus = 10 inches
- Stomach = 8 inches
- Small intestine = 23 feet
- Large intestine 5 feet
- Rectum = 5 inches

Get a piece of string and measure out each of the lengths so you can see how far your food had to travel through your digestive system.



NEXT STEPS...

If you’re aged 4-18 and you’re inspired to create a Scratch project on the themes covered here, submit it to the About Us coding competition by 23:59 GMT on 19 December 2021 for a chance to win some amazing prizes. You can also enter the poetry competition on the same theme by submitting a poem. Find out more and enter online at [aboutus.earth](http://aboutus.earth).