



PROF SHEENA CRUICKSHANK

IMMUNOLOGIST & PROFESSOR OF
BIOMEDICAL SCIENCES

@sheencr



WATCH

<https://>

ABOUT SHEENA

HER JOURNEY INTO STEM

Sheena became very curious about science when she was really young. It all started from watching her brother fall in a rock pool! He had rolled up his trousers and he was trying to catch it with his hands. It was so fast it was like lightning and he ended up falling on his face. Sheena found this hilarious, yet admired her brother's determination and curiosity for science - after that she was hooked. Although science wasn't always the thing that she was best at, it was always the thing that intrigued her - so that goes to show that you can get hooked into science any way at all!

HER JOB

Sheena's job involves all sorts of different things - researchers and students in her lab are trying to understand how and why some people get very ill and some don't and how pollution affects our health.

She also teaches which she knows is the way to inspiring future generation of scientists. Her area of study is Immunology which is the way our body's defence system protects us and looks out for infections.

She also does a lot of talking and promoting of science as the Director of Public Engagement for the University. In this role she works to help people understand the science that relates to the way the world works around them.

HER HOBBIES

Sheena has a dog and loves to take it for walks, as well as supporting her two children taking part in football. In her spare time she likes keeping fit and reading books.

THE QUESTION SHEENA WANTS TO ANSWER IS...

How our immune system can tell the difference between what is bad (nasty infections) and the good (like the food we eat, or the friendly bacteria that live in and on us). How does it do that?

SHEENA INSPIRES YOU TO THINK ABOUT...

What's in the air that you breathe? What's natural and unnatural? Is there any changing what's in the air on a day to day basis?

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Sheena's research questions whether the vital air we breathe can actually also do us harm. She encourages us to think about what we can do to make a difference to the air quality around us.



Use Question Hands to generate questions about the air you breathe.

www.greatscienceshare.org/question-makers

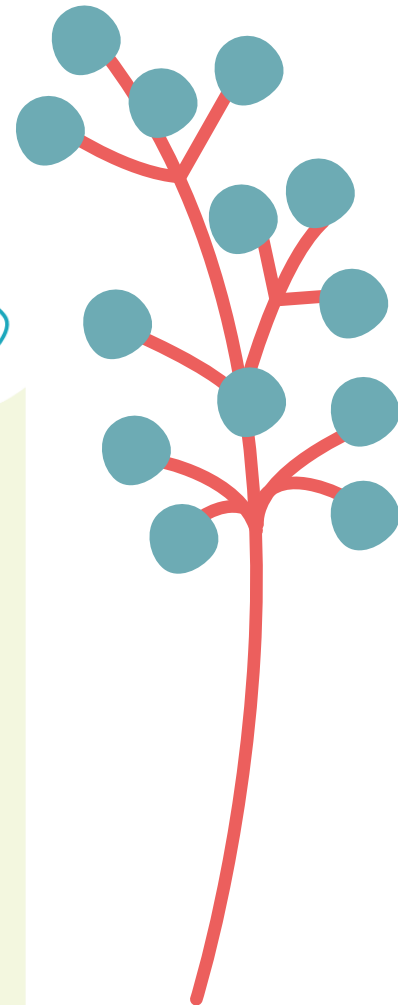
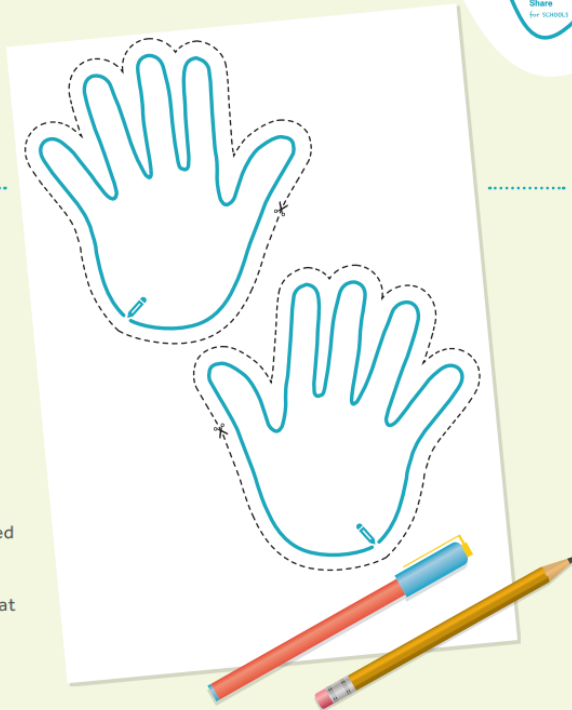
Question Hand

What you need?

A piece of paper, pen/pencil.

How does it work?

- 1 Draw around both your hands on a piece of paper and cut them out.
- 2 Write one of these phrases on each finger of one hand:
What if...
Where does...
Who can...
How does...
Is there...
- 3 On each finger of the other hand write a word that is linked to the science theme. Think about what you're curious to find out about.
- 4 Bring your hands together and create 2 new questions that you want to ask by linking the words on two fingers!
- 5 Write your questions in the palm of each hand and share with someone else.



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