

# Lottie's Lock-down Adventure



By Paula McMahon

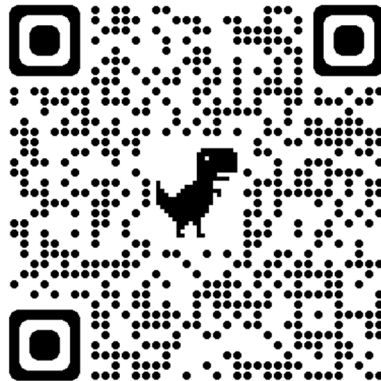


# #WESLottieTour

The WES Lottie Tour takes 'Lottie' to many different locations with lots of different engineering friends who show Lottie the work they do in engineering and related careers.

Its primary aim is for Lottie to inspire and encourage young girls (and boys) to think of careers in engineering and STEM subjects.

Read more about it at [www.weslottietour.org.uk](http://www.weslottietour.org.uk) and download all the Lottie Books for free at [www.weslottietour.org.uk/resources.html](http://www.weslottietour.org.uk/resources.html).



Thank you to Elizabeth Donnelly for vital contributions to the book.

Lottie came to stay with Paula.

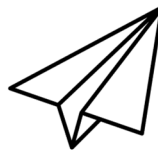
Paula is a Civil Engineer who is working from home.

Paula showed Lottie her computer and her friends at the Women's Engineering Society (WES).





How many ways do you think you can communicate?



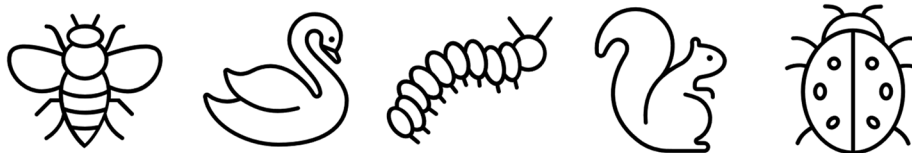


Paula knew Lottie had been all over the world on her WES Lottie Tour.

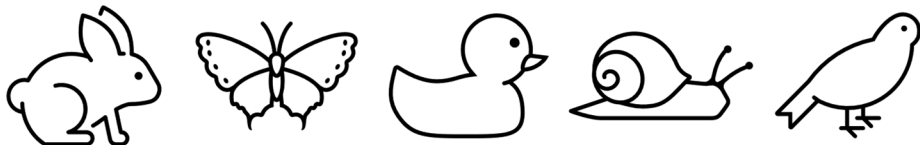
Paula was keen to show Lottie where she lived in Stockton-on-Tees.

Lottie and Paula stopped to feed the ducks at the local duck pond.





What sort of wildlife do you see where you live?



On one of their many walks Lottie asked Paula about her job as a Civil Engineer.

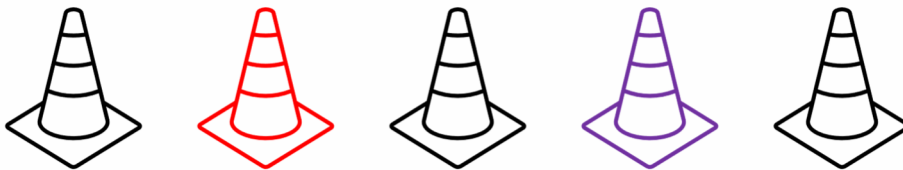
Paula explained she helps look after an important road near where she lives.

Paula and her company repair the road. Lottie got excited when she saw some cones.





Where have you seen cones?



Lottie was excited to see a rainbow in a window.

Paula explained they make people smile and show support for Key Workers who worked in lock-down.

Lottie discovered Key Workers were not only people in hospitals but also many Engineers and Scientists.





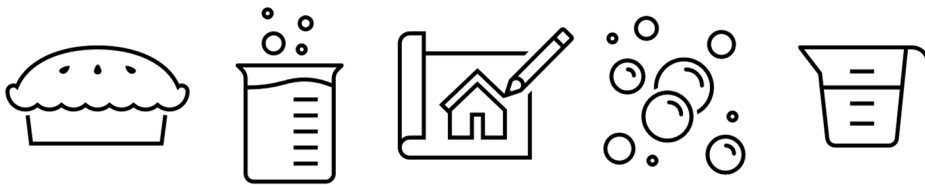
Can you draw a rainbow?

Paula showed Lottie how to make bread, Paula's new lock-down hobby.

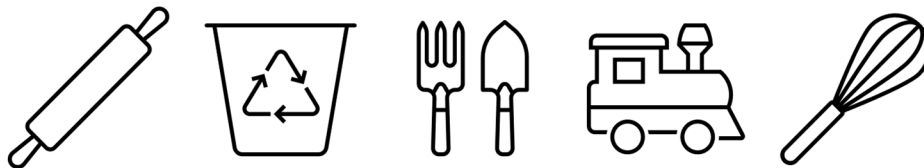
Lottie realised that baking was like a chemistry experiment.

Paula agreed that it was and that other exciting science experiments can be done at home.





Ask an adult if you can make something at home.



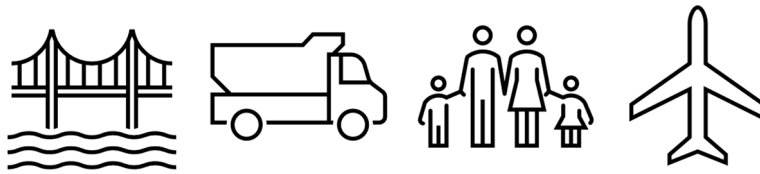


Lottie was very interested in Paula's work.

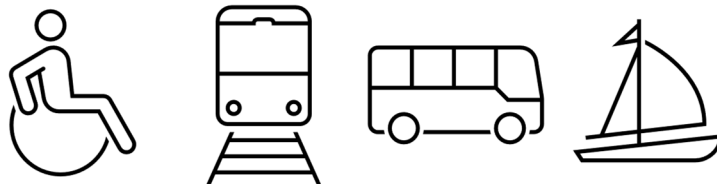
They were excited when they saw a bridge.

Lottie discovered this was a footbridge for people to walk over.





What types of bridges can you think of?

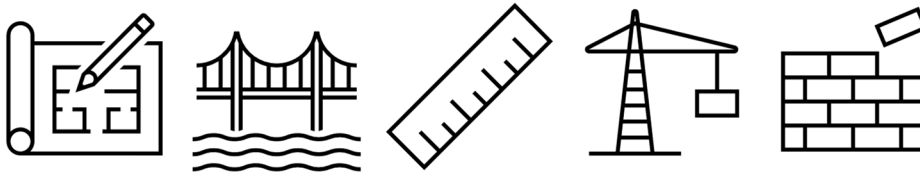


When Paula's new badge arrived.

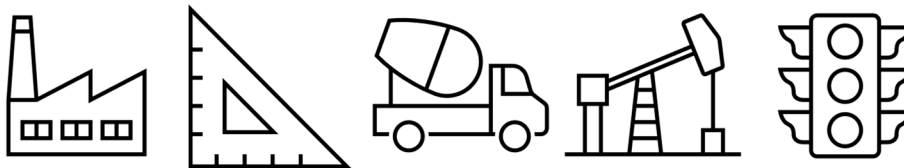
Lottie was very excited and insisted on wearing it.

Both agreed that any girl or boy can be an engineer if they work hard.





If you were an engineer what would you do?

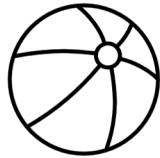


On their rest days Paula and Lottie played with the kittens.

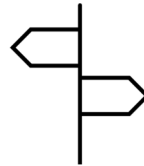
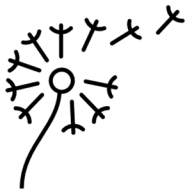
They all watched TV and sat in the garden together.

But most of the time the kittens just slept.





What do you do for fun?

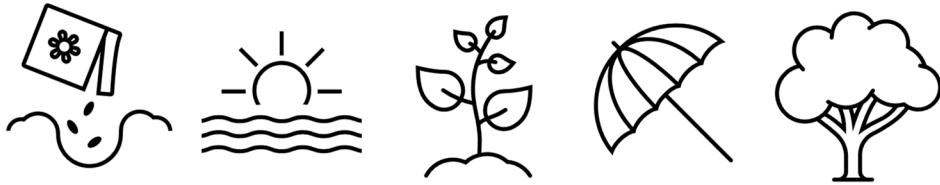


Lottie got very excited when she saw colours in Paula's sink.

Paula explained it was caused by the sun shining through the window.

Everyone agreed the colours were just the same as a rainbow.





What do you know about the sun?





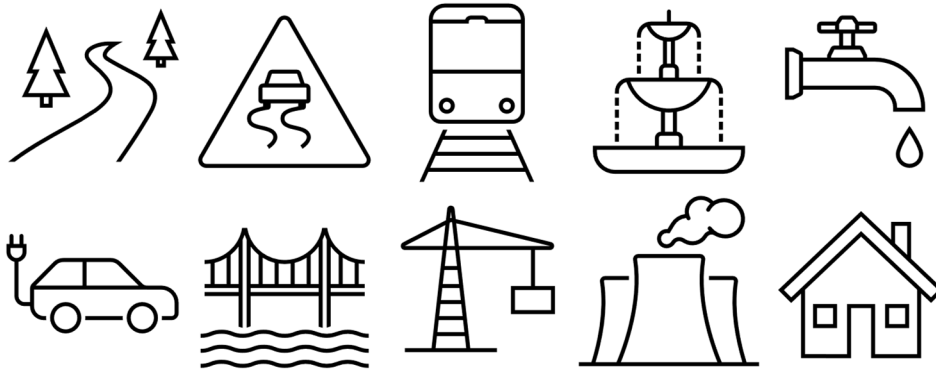
Paula took Lottie on a run.

They went over a bridge and through an underpass.





Can you think of things engineers design, build and maintain?



## Krystina sent everyone a message....

My name is Krystina, an Aerospace Engineer and owner of AviateHer.

I created my pins for women in engineering to proudly wear and show young girls what engineers really look like.

I hope that this book sparks the wonder and excitement in you that engineering brings to me every day.



## A little bit about Paula and her friends

Paula is a Chartered Civil Engineer who has helped promote engineering through her work as a STEM Ambassador since 2005. Paula has had a varied career but now works for Sir Robert McAlpine.

Paula was pleased to win a WES WE50 award in 2019. Paula is an active member of WES.



Paula enjoying working from home with her two kittens

Thanks to Paula's friends Dr Jo Douglas-Harris, Laura Brown and Alex Mather from the *WES Tyne and Tees Cluster* who kindly allowed their photograph to be featured alongside Paula and Lottie.

Also, thanks to Krystina Pearson-Rampearee of *AviateHer* who agreed to let Lottie show off the very first badge sold.

## **Paula and Lottie say goodbye for now**

Paula and Lottie found lots of things to do during lock down.

We hope you enjoyed reading all about it.

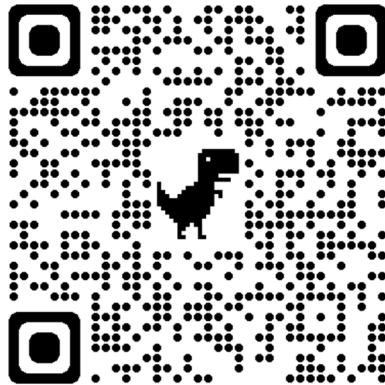


# The WES Climate Emergency Group

The Women's Engineering Society (WES) have a special group set up in response to the Climate Emergency declared by the UK Parliament in September 2019.

Paula leads this group of engineers and scientists who work in many different types of jobs.

Everyone shares ideas about how they can help work towards the United Nations Sustainability Goals (UN SDGs).



<https://www.wes.org.uk/content/climate-emergency-group>