

THE GIRL WHO COULD FIX ANYTHING

Beatrice Shilling, World War II Engineer



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illustrated by Daniel Duncan



This week, we are going to think about the important roles that different individuals played in the war effort...











and when she took a thing apart,



she put it back together better than before.



One day, Beatrice and her mother went to London to meet a woman named Miss Partridge. Miss Partridge was an engineer. Her work was bringing electricity to villages, and she wanted a clever girl to help.

Beatrice was going to be an apprentice engineer!





But she loved learning something new.

Miss Partridge said Beatrice should study at a university.





She was clever with her books, but even cleverer with tools.
In her spare time, she tinkered with her motorbike.



Then she took it to the racetrack, where she found she wasn't quite like other riders, either.





By the time Beatrice left the university, there wasn't much she didn't know about machines. Yet no one seemed to have a job for somebody who wasn't quite like other graduates.





At last, the Royal Aircraft Establishment hired Beatrice to write handbooks about plane engines.

For Beatrice, writing about engines was a boring job. She wanted to work on real engines.

Finally, the Engine Department agreed to give her a try.

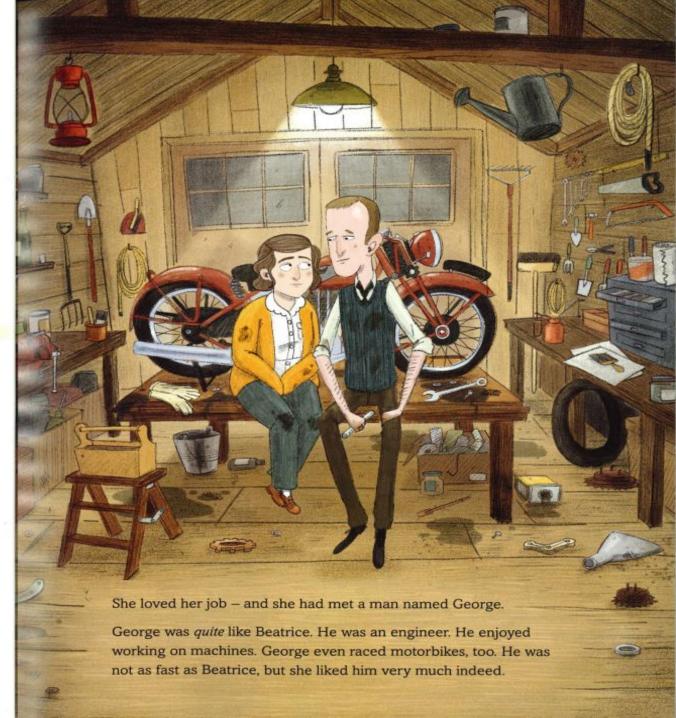




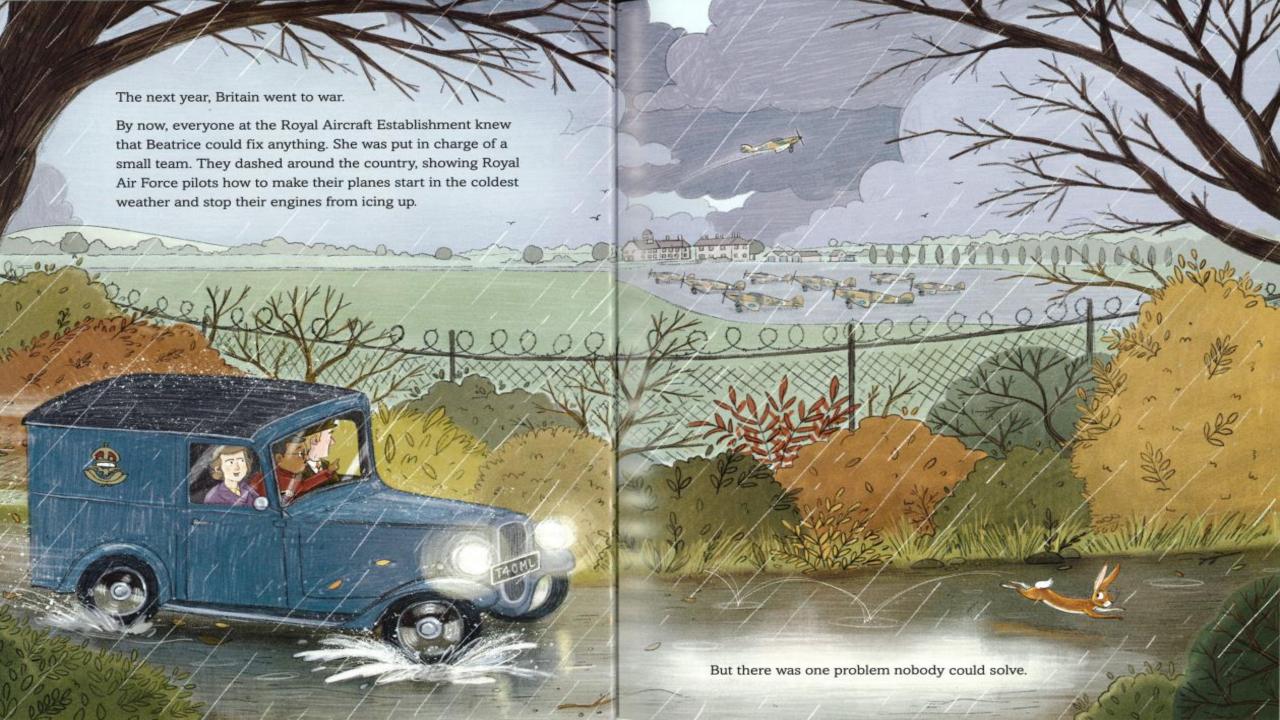


But she was as happy as could be.









Fighter pilots were like acrobats. They dived and spun and twisted, trying to shoot down the enemy without being shot down themselves.

British fighter pilots flew Hurricanes and Spitfires. Both planes had the same type of engine, and that engine had a problem. When a pilot had to dive suddenly, the plane's engine often sputtered or, for a few seconds, simply stopped. This was not helpful in the middle of a fight.

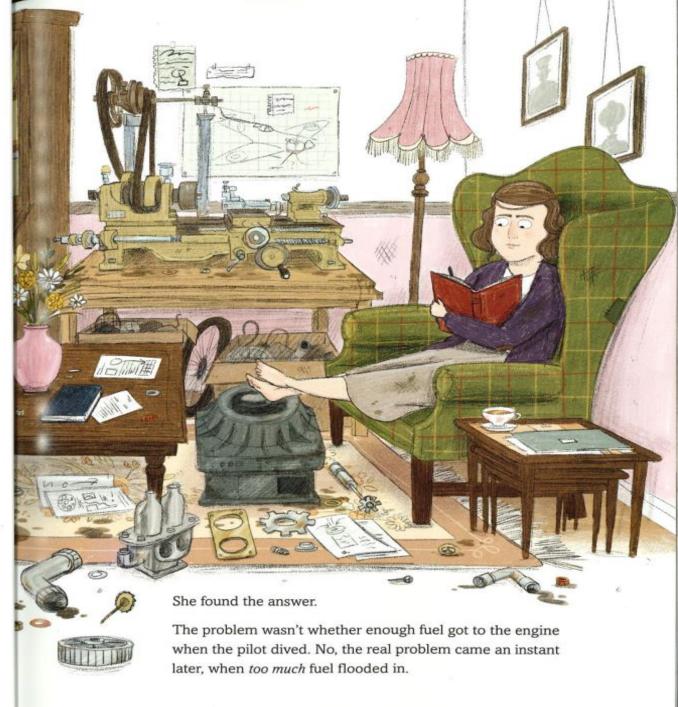
The problem seemed clear: not enough fuel was getting to the engine. It should have been easy to fix. Yet nothing seemed to work.



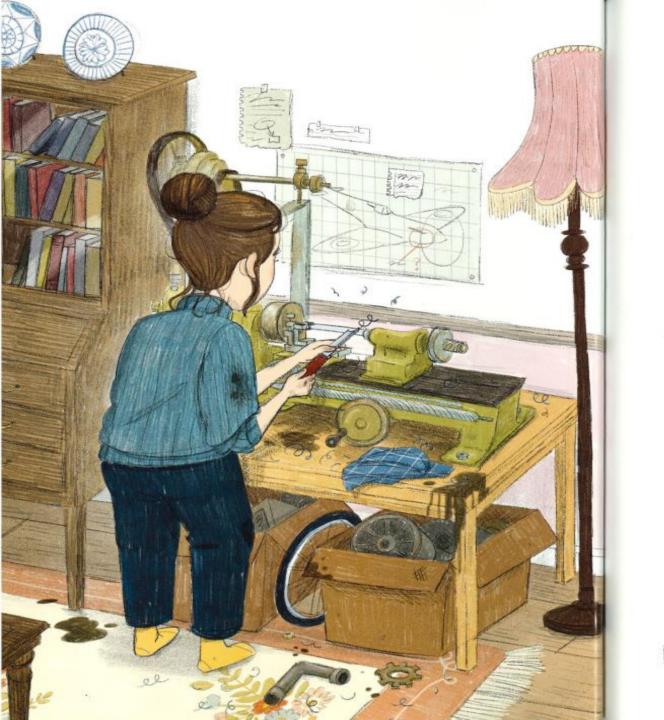


It was a big problem for the Royal Air Force. Many engineers were searching for a solution. But Beatrice wasn't quite like other engineers.



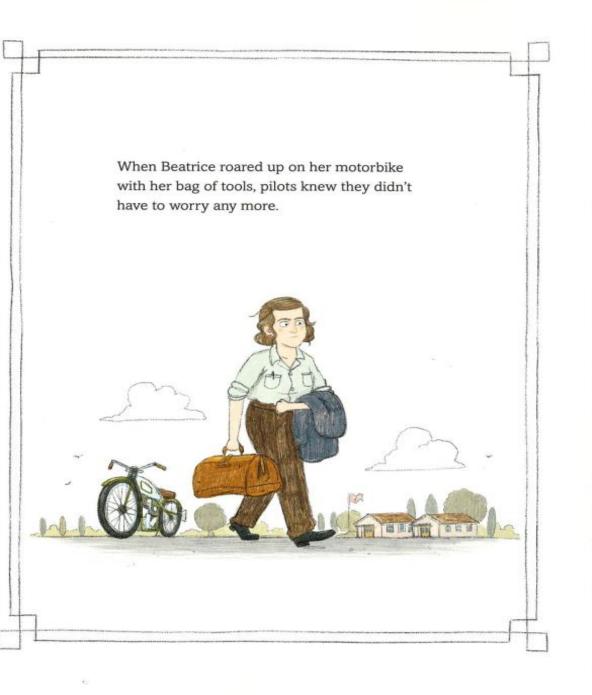




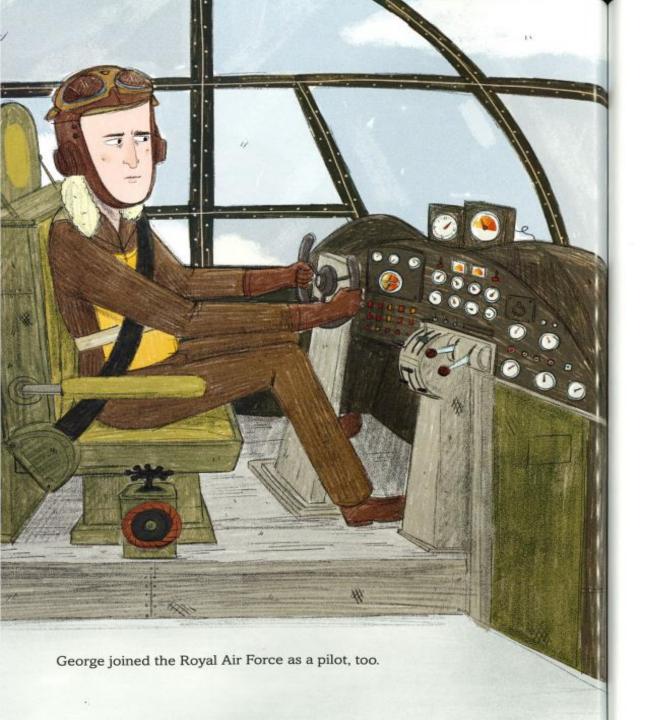


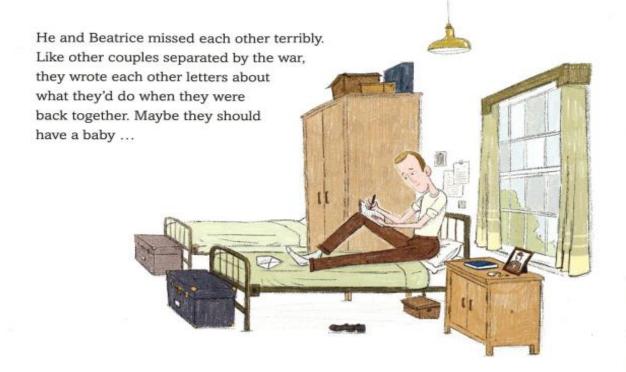
Luckily, they had Beatrice.

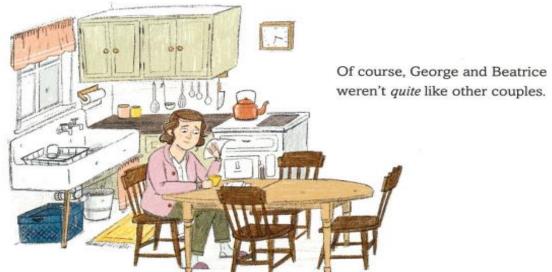
She made a little piece of metal with a hole in it that let through just the right amount of fuel. It was easy. It was cheap. It could be put on quickly at an airfield without even taking the engine out of the plane.



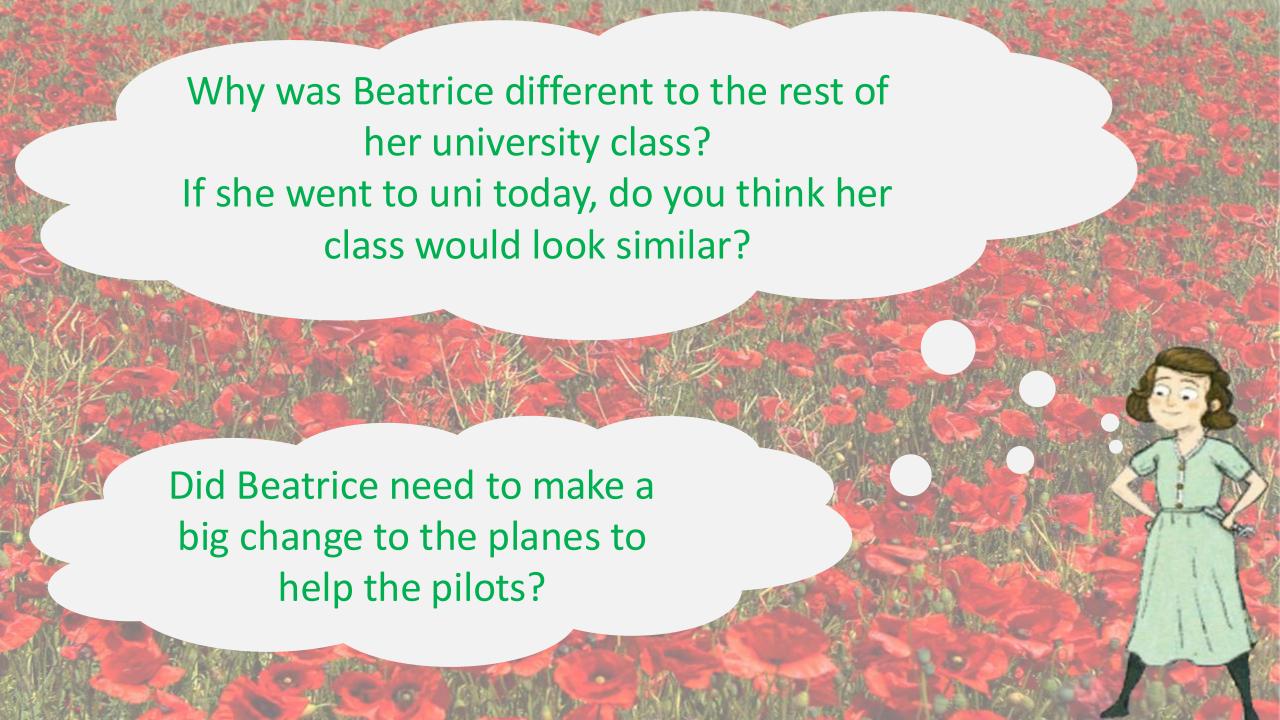














School Reflection

This is our school,

Let peace dwell here,

Let the rooms be full of contentment.

Let love abide here,
Love of one another,
Love of mankind,
Love of life itself.

Let us remember

That as many hands build a house, So many hearts make a school

Help us to learn, play and share together.

We hope our school will be a place of great discovery, adventure and creativity.

May it be a place where we love to learn and where we learn to love,

A place where everyone is respected, and all are deeply valued.