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~ promoting the inspirational work of Dr Frederick, Frank and George Lanchester ~

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2018 Lanchester Trust Student Prize

After considering all applications from various students, the Trustees are delighted to announce the worthy winners of this year's annual Student Prize. It was won not by one student but by a group of four: Sam Titterton (pictured), Mohammed Al-Tamimi, Hasit Gadani, and Jin Ring Eugene.



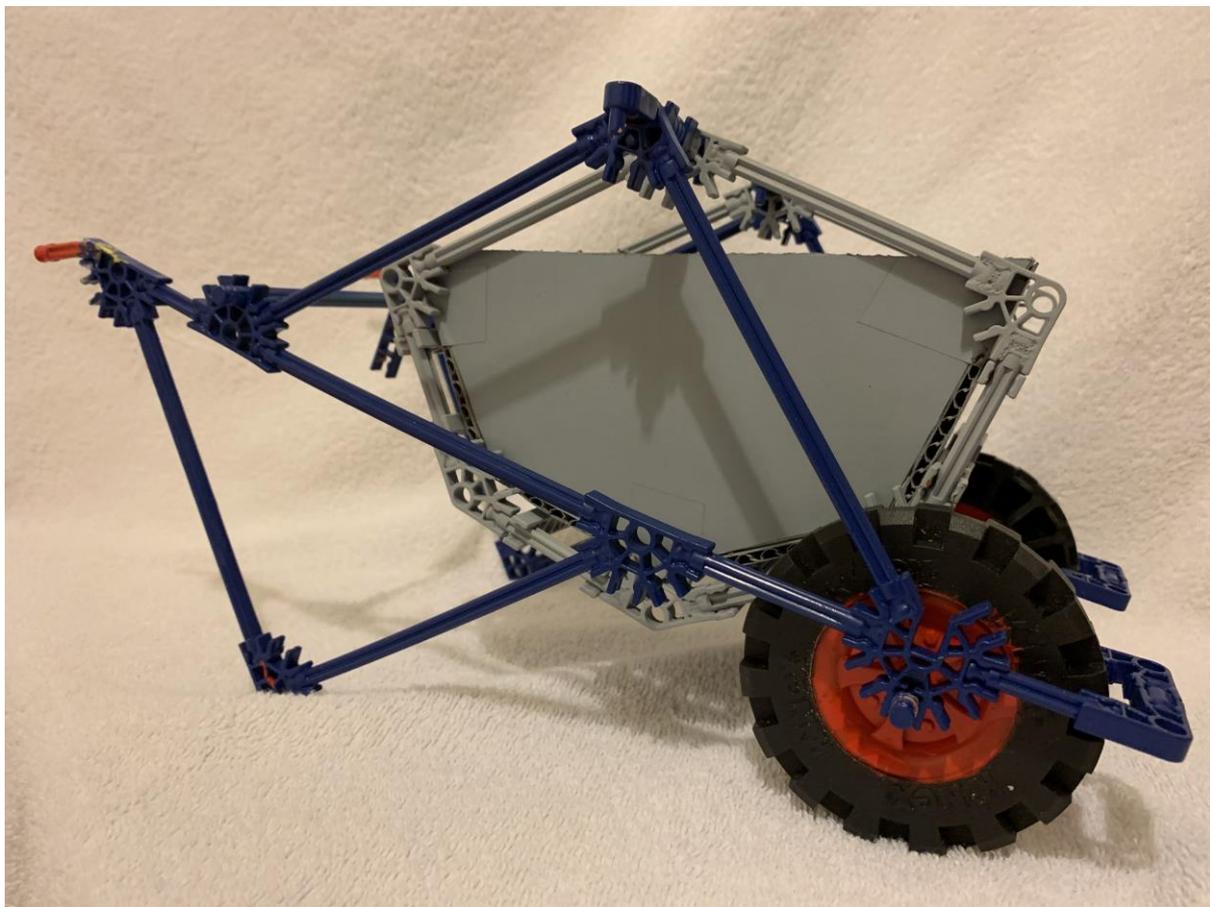
Sam Titterton

They worked together in the Faculty of Engineering at Coventry University for their group innovation project, which gave part of the requirements to obtain a degree of Bachelor of Engineering. Their topic was inspired by one of Frederick Lanchester's hundreds of inventions

but this time not relating to automobiles or aircraft, as it was something much more 'down to earth' ... Fred's self-steering wheelbarrow!

The group determined to continue its development, and their aim was to create their own design with different materials, size and shape. Their wheelbarrow importantly had to be one which retained stability over uneven surfaces, so preventing the wheelbarrow tipping over. The result was innovative and novel, and one that could be produced for sale to the public at a cost-effective price.

They ensured the design could be easily modified to be used in different orientations, such as a trolley, so demonstrating their creativity and ingenuity. As well as a mass of test papers showing the testing and construction of their project, they produced a working model, although at a smaller scale.



A model of the finished wheelbarrow.

On hearing that they were the winning students, they felt that the actual honour of winning was more than enough for them and graciously asked the Lanchester Trustees to keep the cash prize within the Trust, so that it could be put to good use elsewhere ... Frederick Lanchester would have been proud of them.

The Trustees wish you a Merry Christmas & Happy New Year