

Soap Box Car Engineering – Wallscourt Farm Academy

Long Down Ave, Stoke Gifford, Bristol BS16 1GE

My Future My Choice (Bristol Initiative Charitable Trust) is pulling together sponsors and volunteers from engineering businesses to support an exciting design, build and test project for children about to leave Wallscourt Primary Academy to start the next phase of their education. These children are the first cohort of children to pass through the school which opened in 2013. The school is on the top of a hill and the plan is for children to build Soap Box Cars (Gravity Racers) and close roads so children can test their designs and engineering as part of their leaving celebrations. This is the culmination of a series of projects undertaken by the school with STEM ambassadors from age 5 to 11. The aim is to make this part of the annual engineering events for all future pupils to inspire them with engineering, risk taking and working with the wider business community.

Schedule

September 2019 to April 2020 - Build a team of engineers and raise additional sponsorship. Engineers meet to plan activities including the sourcing of resources. Volunteers can anticipate between two to four days made up of training sessions, meetings, conference calls and individual actions to progress the project to the delivery stage.

May to July 2020 - A squad of engineers deliver the project in school. Each engineer will work with a small team of primary school children to explain their job as an engineer and the principles of car design in relation to the Soap Box Project and the resources available. Final sessions at the end of July will design and build the cars leading to speed tests as children use the car to race downhill as part of the leaving celebrations.

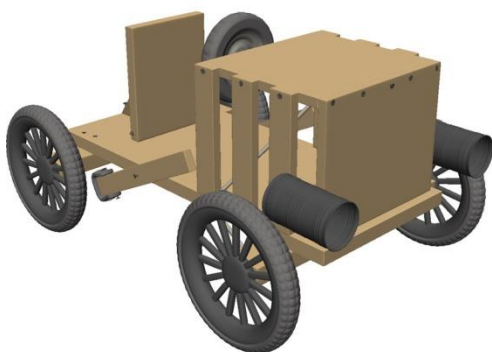
How to get involved

We need volunteer engineers, funding and resources. If you think you or your business can help with any of these please get in touch.

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To find out more about the work of My Future My Choice and the Bristol Initiative Trust

<http://myfuturemychoice.co.uk/>



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