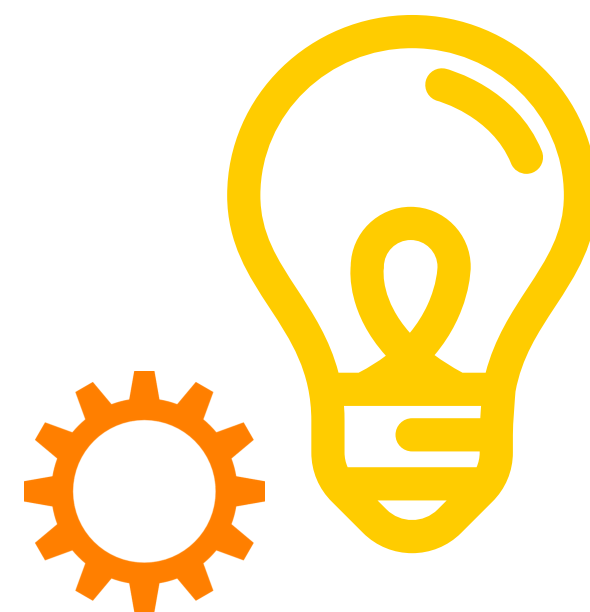


# #NorbarChallenge

## Entry Guidelines



### Who can enter?

Children and young people living or learning within 10 miles of Banbury Museum; in teams of 4-6. There are two age categories: KS2 (Brownies / Cubs / U12s) and KS3 (Guides / Scouts / U15s).

### How do I enter?

Contact us as soon as possible if you would like to take part.



When they're happy with their best design, each team will need to complete an entry form. We'll send you the entry form template when you apply to take part. You can send in the entries from your group electronically or as a hard copy.

On the form you will need to tell us the maximum distance the car has achieved (this is the main criteria for shortlisting), a couple of sentences about the design and, if possible, include a photo or video.

Don't forget to add a team name!

### What can I enter?

Use only everyday bits and pieces like lolly sticks, elastic bands, balloons, bottle tops or plastic bottles, for example. Try different constructions to get the best design – have fun discovering what changes affect the speed and distance the vehicle can travel.

Manufactured building blocks such as Meccano or Lego are NOT allowed. The cars CANNOT be powered by gas, compressed air, motors, batteries or clockwork motors. The car has to be able to work on its own after release - no catapults or manual intervention allowed!

The dimensions of the car (including any parts that stick out) must not exceed 25cm long by 15cm wide. The height must not exceed 25cm – or we won't be able to display the winning designs in the museum display cases!

## Entry form deadline - 10 May

Please do not send us the actual cars at this point.

## What happens next?

The designs will be shortlisted by our panel of expert judges based on:

- Furthest distance recorded on a flat surface
- Overall vehicle design
- How good the car looks

The successful shortlisted entries in each category will be notified by Friday 17 May.

The RACE OFF will take place on Sunday 2 June at Banbury Museum, please keep this date in mind when entering your team(s).

## What can I win?

The winning school or club in each age category will win £100 worth of vouchers.

PLUS the individual winning team members will receive prizes.

AND the winning design in each age category will be displayed in Banbury Museum from 3 June - 8 September.

## Who do I contact?

To apply to take part, request an entry form or for any questions, please contact Vicki Wood, Learning Coordinator at Banbury Museum [vicki.wood@banburymuseum.org](mailto:vicki.wood@banburymuseum.org)

Good luck... may the 'forces' be with you!

#NorbarChallenge is a competition sponsored by Norbar Torque Tools Ltd and run by Banbury Museum to promote STEM learning among young people in and around Banbury and to support the Mechanical Circus exhibition at Banbury Museum, 25 May - 8 September 2019. Please visit [www.banburymuseum.org](http://www.banburymuseum.org) for further details about the Mechanical Circus exhibition and related events.



Banbury Museum