

# THE RUBBER BAND CAR CHALLENGE

## 14:00

Zoom into Action: Transform Your Classroom into a Hub of STEM Excitement!

Unlock the next step in your student's STEM SuperStars journey as they take on the Rubber Band Car challenge.

Choose from one of three times during the day that fits in with your school timetable for your students to follow along and make their very own rubber band cars! This is a dynamic, hands-on session where your students will collaborate to construct and test rubber band-powered cars.

Acting as automotive engineers, your students will learn about aerodynamics, friction and kinetic energy through this fun and engaging engineering challenge.

The CREST Awards are a nationally recognised scheme run by the British Science Association. Students will record each challenge they complete in their CREST SuperStar Award passport and once they have done eight, will receive a certificate and iron-on badge. Students must complete all 8 activities to receive their CREST SuperStar Award Certificate and iron-on badge!

### This event includes the following:

- Students will work in teams to build their own rubber band car.
- Learn about kinetic energy and automotive engineering.
- Experience automotive engineering with a hands-on STEM challenge.
- Enhance teamwork, listening and problem solving skills.
- All required kit will be provided.



## WHEN

05 Jun - 05 Jun 2024

Start time: 14:00 hrs

Finish time: 15:00 hrs



## WHERE

Virtual Delivery



## COST

Fully funded by the NCR Foundation

Book this course