

# THE ROCKET LAUNCHER CHALLENGE

## 11:00

Blast Off into STEM Exploration: Propel Your Classroom into a World of STEM Excitement!

Embark on an exciting journey with your students as they tackle the Rocket Launcher Challenge. Choose from one of three times during the day that fits in with your school timetable for your students to follow along to design and build their own wind turbines. This hands-on session promises dynamic collaboration as students work together to harness the power of the wind.

In the role of energy engineers, your students will explore concepts such as aerodynamics, energy conversion, and sustainability 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 and launch rockets.
- They will learn about propulsion and aerodynamics.
- Experience aerospace engineering with a hands-on STEM challenge.
- Enhance teamwork, listening and problem solving skills.
- All required kit will be provided.



## WHEN

20 Jun - 20 Jun 2024

Start time: 11:00 hrs

Finish time: 12:00 hrs



## WHERE

Virtual Delivery.



## COST

Fully funded by the NCR Foundation.

Book this course