

## THE ENCRYPTION CHALLENGE 10:00

Unlock the Secrets of STEM: Transform Your Classroom into a Hub of STEM Excitement!

Allow your students to experience the world of cyber security as they undertake the Encryption Challenge.

Choose from one of three times during the day that fits in with your school timetable for your students to follow along to code and decode their own cyphers. This interactive session promises hands-on engagement as students collaborate to test various encryption techniques and make their own Caesar wheels to aid their encryption.

In the role of cyber security engineers, your students will explore encryption and decryption techniques and enjoy setting challenges for each other to decode.

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 make their own Caesar wheels and cyphers to challenge their classmates.
- They will learn about different types of cyphers.
- Experience cyber security engineering with a hands-on STEM challenge.
- Enhance teamwork, listening and problem-solving skills.
- All required kit will be provided.



## WHEN

13 Jun - 13 Jun 2024

Start time: 10:00 hrs

Finish time: 11:00 hrs



## WHERE

Virtual delivery.



## COST

Fully funded by the NCR Foundation.

[Book this course](#)