



K'NEX CHALLENGE 2027

A fully facilitated engineering challenge that develops teamwork, creativity and problem-solving skills.

A hands-on engineering challenge for Year 5 & 6 pupils



CURRICULUM
LINKED



DEVELOPS TEAMWORK
& COMMUNICATION



ENCOURAGES CREATIVITY
& ENGINEERING THINKING



FULLY FACILITATED BY
STEM AMBASSADORS



SUITABLE FOR
YEAR 5 & 6

FROM JUST £75 PER CLASS

Delivered by volunteer STEM Ambassadors from industry, helping keep costs affordable for schools.

REGISTRATION
NOW OPEN

8,000+

pupils take part
every year across
the East of England!

"One of the best STEM activities we've hosted. Every pupil was engaged."

SCAN ME!



[HTTPS://BIT.LY/KNEX2027](https://bit.ly/knex2027)

A CHALLENGE DAY YOUR PUPILS WILL REMEMBER!

1

MEET AN ENGINEER

Your STEM Ambassador introduces themselves and shares their journey in STEM.



2

DISCOVER THE CHALLENGE

Pupils watch the challenge brief and uncover the secret engineering task.



3

DESIGN & PLAN

Working in pairs, pupils discuss ideas and sketch their solutions.



4

BUILD & TEST

A one-hour hands-on K'NEX build session where pupils create, adapt and improve their designs.



5

PRESENT & CELEBRATE

Each team presents their model and explains their thinking to the class.

6

WINNERS ANNOUNCED

The winning team receives medals and progress to the Regional Final.



7

REGIONAL FINAL

Awarding school trophies and K'NEX Kits to the top 3 winning pairs of pupils.

Minimal Teacher Preparation Required

- We bring everything needed
- Fully facilitated by a trained STEM Ambassador
- Suitable for a whole class
- Just provide classroom space, tables and a whiteboard.
- Teacher workload is minimal and pupil engagement is high.



 Winning teams progress to a Regional Final with trophies and prizes.

PUPILS DEVELOP...

CONFIDENCE

CREATIVITY

COMMUNICATION

ENGINEERING
AWARENESS

PROBLEM-SOLVING

TEAMWORK

SUPPORTING LEARNING THROUGH ENGINEERING

DESIGN & TECHNOLOGY

- Design, make and evaluate
- Developing ideas and communicating designs
- Working safely with tools and materials
- Evaluating products and solutions



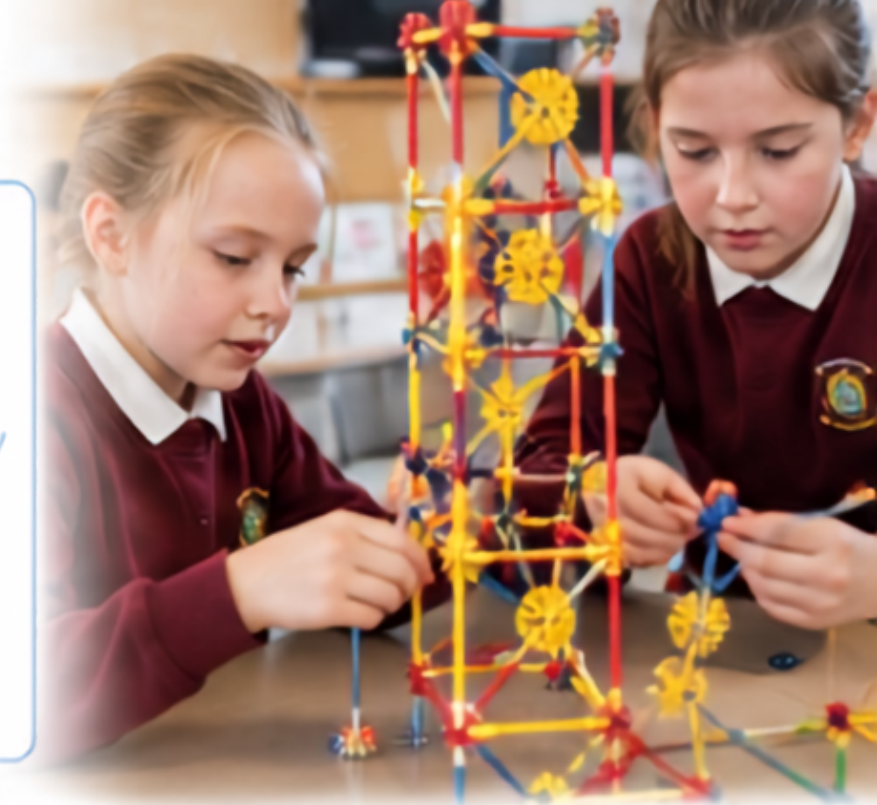
SCIENCE

- Forces and motion
- Materials and properties
- Working scientifically



ESSENTIAL SKILLS

- Teamwork
- Communication
- Leadership
- Critical Thinking
- Creativity
- Resilience
- Project Management



TEACHERS' COMMENTS

"The pupils were fully engaged from start to finish and loved the opportunity to work with a real STEM Ambassador."

"An excellent challenge that develops teamwork, communication and problem-solving skills."

"The perfect mix of fun, creativity and learning. We can't wait to take part again next year!"

"The entire class enjoyed the challenge. It was wonderful to see them all working together and blending their ideas in order to create the optimum rocket."

"Children were enthused by the challenge and worked well in their teams - for more than half this was their first experience building with K'NEX which surprised us. The facilitator went over key learning points effectively and repeated these throughout the session - they certainly came away having learned more about rockets, building and testing and working collaboratively."

A fun, inclusive and memorable **STEM experience your pupils will love!**

Registration for 2027 is now open!

WHAT'S INCLUDED?

- ✓ Trained STEM Ambassador
- ✓ Full challenge resources
- ✓ Winning team medals
- ✓ Regional Final entry opportunity
- ✓ Digital certificates
- ✓ Pre-event support from STEMPOINT



SUSTAINABLE DELIVERY

To reduce postage costs and minimise our environmental impact:

- Certificates will be provided digitally for schools to print locally
- Medals will be presented by the STEM Ambassadors on the day

PRICING

ONE CLASS

(up to 36 pupils)

£75

TWO CLASSES

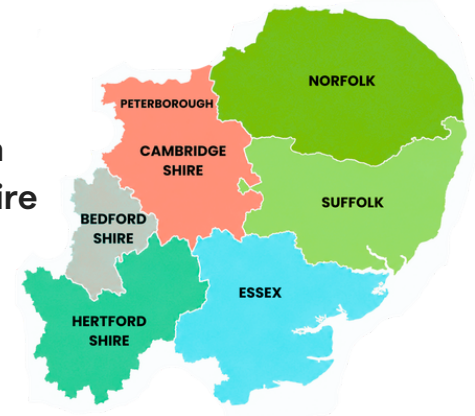
(up to 72 pupils)

£95

IMPORTANT INFORMATION

Challenge days are available across:

- Hertfordshire
- Bedfordshire
- Peterborough
- Cambridgeshire
- Essex
- Suffolk
- Norfolk



Schools with 3 or 4 Year 5/6 classes should book two consecutive challenge days.



BOOK YOUR CHALLENGE TODAY!
[HTTPS://BIT.LY/KNEX2027](https://bit.ly/knex2027)

