



# **SEN Support in Schools 2025/26**

**Inspiring the Future Workforce**

# Who We Are

We inspire all students to be curious and broaden their horizons through fun, curriculum-linked activities that provide access to unique equipment and resources. By integrating real-world experiences and introducing early career thinking, we help pupils develop essential soft skills and deepen their understanding of science and technology in relation to our future world.

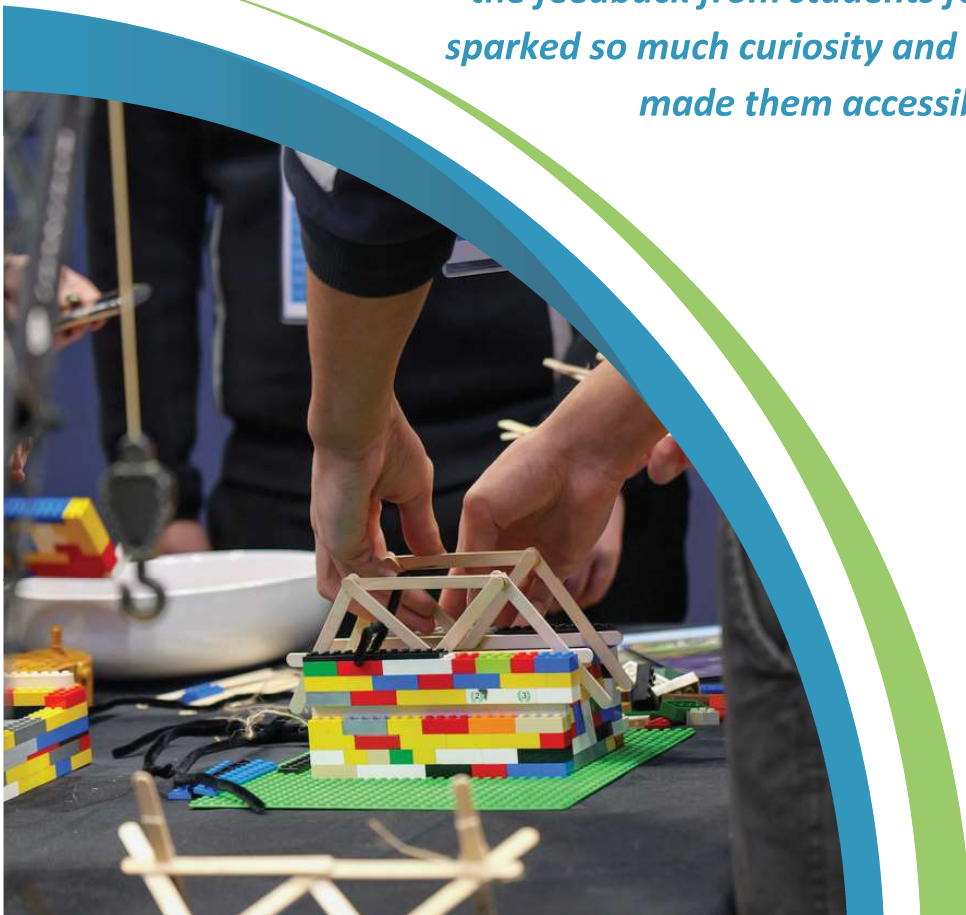
## SEN and Inclusion

- All programmes and events are fully bespoke, designed with each school to suit students and meet curriculum needs.
- Inclusive and adaptable for all abilities, including SEN learners and home-educated students.
- Primary workshops can be delivered in Secondary settings to support SEN.
- Curriculum-linked STEM sessions available as weekly sessions, short blocks, or full programmes.
- Taster sessions from workshops and challenges can be offered across a term or year to different year groups.
- We have separate events for Home Educated Students.

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***"The message that was delivered was absolutely on point and the feedback from students following it was lovely. They sparked so much curiosity and enthusiasm for careers and made them accessible to ALL of the students."***

- Teacher



# Our STEM Programmes

## Electricity and Renewable Energy

A workshop exploring circuits, components, conductors & insulators, light, sound and sustainable energy.

## Building Bridges

Teams of students use k'nex to learn the concepts of bridge design. They then use their knowledge to design and model their own solution to a set problem.

## Fun Maths

Solve different maths puzzles that challenge them to use mathematical reasoning, number facility, deductive reasoning, reading comprehension and critical thinking. SATRO bring age-appropriate puzzles and set them up on tables in a hall.

## Coding

Design, engineer and code Lego models using iPads, a motor and sensors. Students will work in pairs, one class at a time, to build and code models using Lego bricks for years 1-3, with a focus on a sustainable future for our planet. While years 4-6 code with BBC microbits.

## Shapes makes Structures

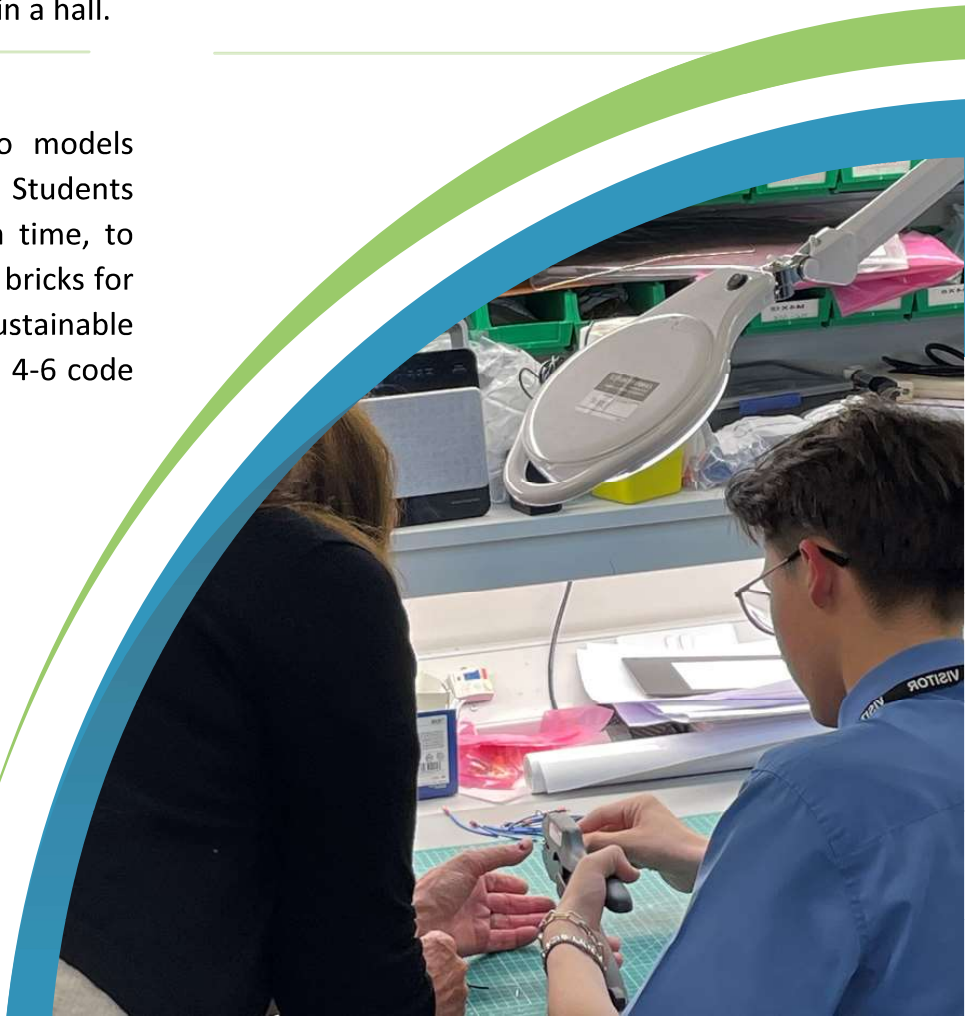
Pupils will work in small groups, one class at a time, to design and build structures. They will gain an understanding of 2D and 3D shapes.

## Insects, Classification and Plants

A workshop exploring the world of insects, which looks at types of insects and plants and how we classify and sample them in the field. Hands-on understanding of the process of pollination, parts of the plant.

## Science of Health

Using VR technology and health apps we bring learning to life. A workshop that supports an understanding all aspects of physical health, and the different ways health can be measured.



# Our STEM and Employability Programmes



## Planet Utopia

Catapulted into the future where a new planet has been discovered with a very similar climate to Earth, students work in teams to choose who they need to help develop the new society, decide which technologies would be best suited for the new location, and consider what requirements are needed to ensure the new community not only thrives but survives and is sustainable.

Throughout the day, students will use and develop a range of employability skills including teamwork, adaptability, problem solving, communication and creativity.

The day will also provide opportunities to learn more about jobs in conversation with external ambassadors.

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## Business and Enterprise Game

Teams of students run a manufacturing business for the day, taking on the roles of CEO, Head of Marketing, Accountant etc. They will: Manufacture products, buy supplies and sell their products. Produce marketing campaigns and win orders from buyers. Manage their finances and operate their bank account. Deal with emergencies e.g. stock market crash or a strike

Hugely exciting for students and teachers. SATRO Business Games are suitable for all abilities. All our games are delivered by expert staff who will bring with them all the equipment required, and involve volunteer business people from all areas of the working world, giving young people a chance to talk to 'business ambassadors' about their day jobs.

# Our STEM and Employability Programmes

## Mission to Mars

This activity is for students in Years 3-8 with differentiated topics. Student will work in pairs, one class at a time, to code a BBC microbit to control Invent Engineer robot vehicles with an iPad.

Students will:

- Code the vehicle to go forward, reverse and turn using Blocks “drag and drop” software to create a working model;
  - Code the LED screen to display images and messages;
  - Code the vehicle to use sensors to detect obstructions and alter course;
  - Code the vehicle to complete a course.
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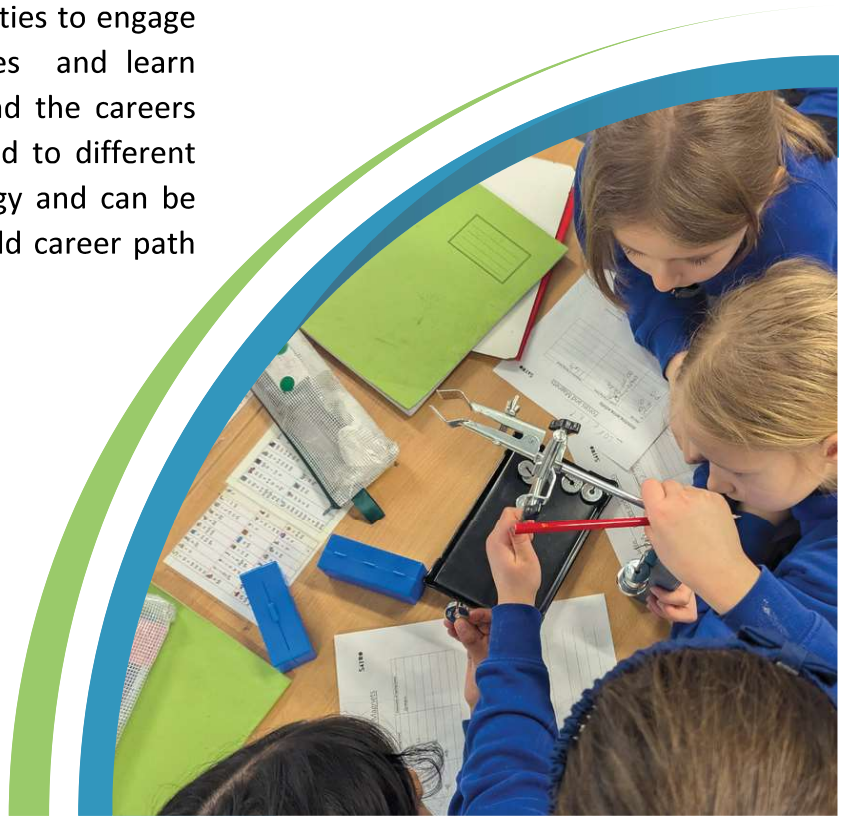
## Sports Arena Challenge

Explores ways of making structures. Teams design and make Sports Arenas to house multiple sports at a major games. The challenge includes estimating project cost and gets students to think about future uses of the arena and their commercial viability. Students act as architects, engineers and accountants and each take responsibility for a part of the project. The day concludes with a short presentation of each teams’ work.

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## STEM Days

STEM Days provide a variety of opportunities to engage with employees from different industries and learn more about the applications of STEM and the careers that are available. The event can respond to different focus areas e.g. engineering or technology and can be lined to local industries to bring real-world career path information.



# Our STEM and Employability Programmes

## Careers: Explorer

A virtual or face-to-face workshop bringing students into contact with volunteers from business to learn about the different roles available, explore with them their career pathways and gain an understanding of the skills and qualifications they need to follow their own routes to work.

The workshop starts with an introduction to the company and the breadth of jobs available within it, followed by smaller break-out groups to interview business volunteers. The workshop concludes with a group session to practice presentation skills.

Both Workshops can be adapted to your timetable.

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## Careers: Aiming High

An interactive 60 to 90 minute virtual or face-to-face workshop where volunteers from a business background talk with your students about aiming high, setting achievable goals and celebrating success. The students will come away with a better understanding of how to set short, medium and long-term goals, how to remain resilient in the face of challenges and the importance of recognising their potential.

Aiming High is a highly adaptable workshop that can be tailored to suit different year groups and many learning abilities. SATRO staff will introduce and run the workshop and bring student materials.

*"It was really enjoyable...would definitely do it again."* - Student



# Vocational Construction

Our tutors teach, mentor and inspire young people in vocational construction and employability skills across Surrey and it's neighbouring counties. We teach in mainstream, alternative provision, pupil referral units and special needs schools. The course is suitable for students interested in careers in the construction industry, those re-engaging in their education and for those learning independent living skills.

## Mobile Classrooms

Our industry experienced tutors travel in fully equipped vans to teach onsite at your location to small groups of students.

## Construction Programme

2 hour weekly lessons onsite timetabled for the full academic year.

## Qualifications

BTEC Level 1 Introductory Certificate or Award and AQA Unit Award Scheme.

- Practical units include carpentry, plumbing and electrics alongside career planning and organisational skills within the construction industry.
- All materials, tools, equipment and learning resources provided
- Aimed at Years 10 and 11
- Cost: £9,975 per annual programme (excluding BTEC/AQA student registration fees)



*“Their enjoyment of the course has improved these students overall attendance, as well as their confidence.”* - Teacher

# Booking and Pricing

- ✓ Simple booking process.
- ✓ SATRO works with all abilities and needs across all of our provision and are able to adapt workshops and events to meet specific needs.
- ✓ Early/multiple booking benefits.
- ✓ Our programmes and activities deliver both technical and employability skills. The support of our corporate partners helps make all this possible, sustainable and relevant.
- ✓ Costs to state schools are subsidised as part of our charitable purpose.
- ✓ We work in partnership with you to achieve the best outcome from our events for your students.
- ✓ We support schools enrich their curriculum and meet their Gatsby Benchmarks. Teachers provide feedback on all our sessions and which helps us review and develop what we deliver.

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## To book or find out more:

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