



# in Secondary Schools

Inspiring the Future Workforce

# Who We Are

SATRO helps students raise their aspirations for a successful future. We challenge their perceptions of the world of work and increase their understanding of the breadth of careers available to them. We do this by helping them develop the skills and aptitudes they would need and show them how to navigate the pathways to employment.

**In the 2024-25 academic year:**

**12,210**

Students

**3,670**

Volunteer hours

**27,933**

Sessions delivered

*“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

## Benefits to Schools

Enhance your careers programme with expertly delivered, fully managed events that support Gatsby Benchmarks and Ofsted priorities.

## Benefits to Pupils

Inspire every student with hands-on experiences that build confidence, raise aspirations, and connect learning to real-world opportunities.

## Why Choose SATRO

With over 30 years of experience and strong employer links, SATRO is Surrey's trusted partner in delivering impactful careers education.



# Core Challenges



Science



Technology



Engineering



Maths

## Humanitarian Bridge Challenge

Students must select seven people to build a bridge in a remote African village, considering job roles like engineers, hydrogeologists, ecologists, and site managers. They will decide on the bridge's location and type, learning about truss, arch, suspension, and beam designs. Using K'Nex, teams will construct sample bridges, evaluate their strengths and weaknesses, and then design their own. The goal is to build a cost-effective, strong bridge that spans a set distance and supports a specified weight while developing teamwork, problem-solving, and communication skills.

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## Stadium Challenge

Suitable for a wide range of ages and abilities this 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 linked to local industries to bring real-world career path information.

# Core Challenges

## 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.

Full day for larger groups up to a whole year group.

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## Business and Enterprise Challenge

Teams of 6-7 students create and run a business for the day, taking on the roles including CEO, Marketing, HR or Finance Manager and more. They will manufacture products, buy supplies and negotiate with experienced buyers to sell their products, and compete to see which company can succeed in a tough game of profit and loss.

The day is suitable for all abilities, fast and furious, sometimes stressful (just like the real working world) and hugely exciting for students and teachers.

Students will develop skills for the workplace, gain an insight into a range of job roles and work alongside people from the world of work.

Full day for larger groups up to a whole year group.

*"I truly found it a very enriching and interesting experience, and I would love to participate again if such opportunities were made available."*

- Student



# Careers and Mentoring

## 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.

## 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.

## Mentoring

Mentoring young people can have a huge impact on their confidence, life choices and outcomes. Mentors act as role models and help mentees understand the value of employability skills. By challenging them to find their own solutions to problems, mentors promote independence and critical thinking.

We recruit, train, DBS check and support volunteer mentors so that they can develop 1:1 relationships with students who are not reaching their full potential, lacking support and struggling to see what they may do with their futures. Improving a student's confidence and self-esteem is a well-documented outcome and this early intervention can have a significant impact on preventing students becoming NEET.

1 hour fortnightly 1:1



# Vocational Construction

Our tutors teach, mentor and inspire young people in vocational construction and employability skills across Surrey and its 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***

# Customised Support

## Tailored to your school priorities

SATRO works with all abilities and needs across all of our provision and are able to adapt workshops and events to meet specific needs.

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## Industry Partners

Our programmes and activities deliver both technical and employability skills. The support of our corporate partners helps make all this possible, sustainable and relevant.

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## Teacher support

We support schools to 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.



# Booking and Pricing

- ✓ Simple booking process
- ✓ Early/multiple booking benefits
- ✓ Costs to state schools and SEN schools are subsidised thanks to charitable funding we have raised.
- ✓ We work in partnership with you to achieve the best outcome from our events for your students.

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Our events are adaptable to meet your needs and priced accordingly. As a guide:

State / SEN Schools: The cost of a workshop is between £230 and £345 and a full day event is between £880 and £1,100.

For independent schools: The cost of a workshop is between £345 and £625 and full day event is between £1,045 and £1,655.

*We occasionally have charitable funding to deliver events and challenges at a reduced rate or free to the school.*

## To book or find out more:

- ✉ [contactus@satro.org.uk](mailto:contactus@satro.org.uk)
- 🌐 [www.satro.org.uk/secondary](http://www.satro.org.uk/secondary)
- ☎ 01483 688 070

