

Construction Skills

SATRO's Mobile Classroom offers up to 8 participants at a time the unique opportunity to learn from a range of construction skills: joinery & carpentry, bricklaying, plumbing, health & safety and electrics. In addition employability skills, career pathways and insight to trades & construction industries today.

The course is usually taught outside at the van but we ask for access to a classroom for course work or inclement weather. The session must have a member of school staff present to support learning and manage behaviour within the school's policies.

All our tutors have both industry experience, teaching qualifications and are fully DBS checked. SATRO covers all policies eg. safeguarding, health & safety, equality.





The course is aimed at students selecting to study for the construction industry, trades, vocational skills and for SEN students independent living skills. It is of particular interest for schools trying to re-engage students in their education.

The SATRO Mobile Construction Classroom is completely self-contained, bringing to students an experienced tutor with all the tools, materials and teaching resources required. A 2 hour timetabled weekly session for the academic year delivered at your school site.

We offer BTEC Level 1 Introductory in Construction at two levels: Award -1 year (QN: 603/5132/9) and Certificate -2 years (QN:601/8543/0). We also offer a SATRO Entry Level course. These are practical qualifications with all student portfolios provided for recording progress and achievements. This is particularly aimed at Year 10-11 students but can be offered from Year 9 to Post 16.

The SATRO Mobile Classroom has been running for over 16 years. We teach in mainstream, alternative provision within mainstream, SEN and PRU schools. In 2021 we are teaching 316 students in Surrey, Hampshire, Berkshire, Oxfordshire and the West London Boroughs.

100% of participants report an increase in self-motivation, self-esteem and develop a clearer understanding of their next vocational or career steps

-  Full COVID risk assessments and blended learning provision
-  Full cost £8,200 for the academic year (part funding may be available for schools on request)
-  Registration fees paid separately by school for students enrolling on the BTEC course
-  Partner with construction industry for careers & insights

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Joinery



Learning the techniques in joinery to create a timber product.

Skills: health and safety, measuring, marking out, sawing, drilling, screwing, applying a preservative finish

Materials: decking planks, softwood and plywood.

“The Year 11 students all feel that your tutor has taken the time to get to know them all as individuals. He knows how they tick, how to get them to work, and how to get the very best out of all of them. I have never seen these student more engaged.

Your Tutor has been fantastic to work with, always positive and encouraging to our students and has made the sessions engaging and compelling.

School Session Support Staff 2020

Before undertaking the SATRO course his belief in his own abilities was very low. He struggled with all classroom-based lessons. The SATRO lessons have given him a belief that he does have strengths and is able to achieve. He will be leaving us in July to attend Reading College where he is pursuing a Level 2 diploma in Plumbing. **Headteacher 2019**

Bricklaying



Learning the techniques to build a simple brick wall.

Skills: health and safety, measuring, setting out, trowel work, levelling and pointing.

Materials: bricks, mortar (which can be dismantled)

SKILLS FOR LIFE

STUDY & WORK

Electrical



Learning the techniques of simple wiring and circuits.

Skills: health and safety, wiring a plug, set out and cut double sockets into plaster board and wire together to illustrate the principles of a radial circuit.

Materials: plugs, sockets, wire and plaster board.

“A practical/vocational course really suits some students as it is so different from traditional school work and is experienced in a different way. Many look forward to working outside and the change from normal lessons. Even though not all wish to pursue Construction, they have appreciated the course, and all have skills for life. **Head of Extended Learning 2019**

Construction Student of the Year 2019 This student's commitment and enthusiasm in construction skills has completely reversed their attitude towards education. Their new desire to progress into future employment within the industry and has influenced their entire attitude in school. This students' parents have recently expressed their gratitude to me in helping to turn their child around and giving them such a strong new purpose. **SATRO Award 2019**

Plumbing



Learning the techniques of pipework, plumbing and soldering to create a closed pipe rig.

Skills: health and safety, measuring, cutting pipe and soldering.

Materials: copper pipe, cutters, flux and blow torch.