



# Newsletter

GASP Motor Project

December 2024



**It has been a fantastic start to the new academic year, with more than 250 students referred to GASP from over 40 organisations. These include mainstream schools, SEND provision, Surrey County Council and Alternative Provision. In just 14 weeks, we have already awarded over 200 AQA unit awards!**

The GASP team continue to extend and diversify our teaching sessions, further incorporating core STEM learning and elements of the GCSE curriculum. All activities remain 'hands on', and demonstrate the practical application of maths and physics. This term students have additionally engaged with: Energy - the transfer of energy within an engine (closed system); thermal conductivity and the use of lubricants: Electricity - diagrams and symbols; Series and parallel circuits with a vehicle: Magnetism - electric motors: Forces - acceleration and deceleration; gearing systems and brakes; and stopping distances.

We continue to enhance our courses by facilitating workplace experiences, offering diverse employer engagements for GASP students. This term, students have visited Ringway, Brooklands Museum (Heritage Academy) and Stanhope Seta. Engagements have varied from one-off visits, to term-long, employer-led projects.

Our annual Trustee strategic away day took place in November, and we are extremely grateful to Unum who kindly donated a meeting room for the event. We were delighted to welcome Learning Partners CEO, Jack Mayhew who spoke to the Trustees about the role of GASP within his schools, complimenting and thanking our incredible tutors for the work they do. Jack provided an insight into education within Surrey, and identified challenges which GASP may be able to help schools overcome. Jack's key message was the importance of effective partnership working, to ensure GASP continues to evolve to meet the need of Surrey's young people.

# Newsletter



During the summer break, GASP partnered with Big Leaf Foundation to work with displaced young people. Kindly funded by the Schutz Engel Trust, in memory of Andy Stallman, the week-long course enabled six talented young men to engage with practical engineering skills, whilst also improving their English.

"It was wonderful to see how enthusiastic and engaged our group were during their latest GASP workshop. The instructors were fantastic and pitched the tasks at exactly the right level. The course has really inspired our young people to pursue careers in mechanics as well as giving them greater confidence."

"We are immensely grateful for this fabulous opportunity for the displaced young people we support."



"We are always looking to motivate our residents to find work, and to look at next steps. The experience which GASP provided has given real motivation to those involved, as to what they would like to do next."

The Amber Foundation

"This has been an incredible opportunity for our students and has engaged them well since September.

One student has particularly benefited from the GASP course: FR is a student who has displayed as being very withdrawn from the education system and has preferred to be hands on with his work. He has always had an interest in motor mechanics when at college, but even more so now he has completed the GASP course."

Carrington School

# Newsletter

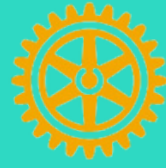


We are always delighted to welcome supporters to GASP, to showcase the incredible talents of our students and tutor team. This term we have welcomed a number of funders who have all commented on the incredible engagement of the children and the complexity of the activities and topics being completed.

We were delighted to welcome Susan from the Worshipful Company of Haberdashers to meet the students at Jubilee High School. The students were working with Terry and Trevor on the Yamaha YZF 125 engines, learning about the function of a clutch. Susan fully engaged with the children, helping to complete the compression test, and then span over the starter motor!



Woking  
**Rotary**  
Club



Woking Rotary Club have long been supporters of GASP, and we were pleased to host two visits for their members during September and November. Following on from a presentation at their meeting earlier in the year by our CEO Alex, the members were keen to understand more about what we do, and the young people we work with.

The two groups visited the GASP workshop and spoke to the children and staff of Jubilee High who attend the workshop. The children were fantastic ambassadors for both their school and GASP (see main picture page 1).

We were thrilled to be announced as one of the beneficiaries of the Rotary Swimathon which took place in October. The funds will be allocated to new equipment to support our extended curriculum



GASP is very much a community based charity, working to benefit the young people across Surrey. As such, Alex was pleased to be invited to speak at the Cranleigh 41 Club in September.

Explaining about Alternative Provision and the role GASP plays supporting, not just the education, but also the social and emotional development of children, the group were incredibly engaged and have followed up with a plethora of support, useful contacts and teaching materials! Thank you!

If you would like Alex to speak at your community group please email  
[Alexandra.Thompson@GASPMotorProject.org](mailto:Alexandra.Thompson@GASPMotorProject.org)

# Newsletter



We recently visited the Heritage Academy at Brooklands Museum with a group of students to learn more about vehicle restoration.

Following a tour of the museum, the children were shown around the workshop. Here they were presented with various types of welders, ramps and a variety of classic vehicles.

After a health and safety briefing the students were introduced to bodywork and repairs. After denting car panels, the children used a dolly and hammer to remove them. The panels were then polished and finished to look like new!

We were delighted to have two site visits to Ringway's depot in Guildford this term. Students from the Inclusive Education Trust were given a unique insight to Highways Maintenance which included an introduction to Ringway's huge fleet of vehicles. They gained an understanding of each vehicles individual uses and work schedules, as well as learning about the composition of the 'grit' which is spread on icy roads.

They were shown around the control room, and spoke to the Ringway team about their education and careers, and the opportunities Ringway presented for personal and professional growth and development.



# Newsletter



GASP has been working with Stanhope-Seta, a family-run precision engineering company, for many years. The team at Stanhope offer GASP students a unique opportunity to experience real engineering principles and to design and complete practical challenges. This term students from Chertsey High School attended and learnt about the principles of flight, aerodynamics and the laws of physics.

Over a period of four weeks, working with the Stanhope team, the children designed their own rockets using CAD. They then printed their designs on a 3D printer to create working models. Using compressed air, the rockets were then flown and each was assessed for speed, velocity, stability and durability.

We are extremely grateful to Stanhope for the incredible opportunities they give GASP students



GASP is always looking for more opportunities for our students to engage with local employers. Meeting people in the workplace gives the students a unique insight to possible career roles and professions, helps to identify key employability skills such as communication, decision making and leadership and is a great motivator to keep going with learning!

If you are able to facilitate student visits to a workplace, or would be willing to speak to students about career choices and employability, please contact [Laura.Lloyd@GASPMotorProject.org](mailto:Laura.Lloyd@GASPMotorProject.org)

# Newsletter



We are delighted to welcome Karen Moon to the GASP team. Karen will be working with Laura to coordinate and manage the AQA accreditation process as well as liaising with schools about courses and timetabling. Karen comes to us with a wealth of teaching and administrative experience, and is already making a huge contribution to the team!



Laura will be working Monday, Wednesday, Thursday and Friday 9.30-2.30pm, and Karen will work Tuesday and Wednesday 9-2.30pm, and Thursday 9-1pm.

Laura and Karen can be contacted via [Admin@GaspMotorProject.org](mailto:Admin@GaspMotorProject.org)



We would like to take this opportunity to thank you all for your continued support.

We wish you all a very happy Christmas and a joyful 2025

As a charity we rely on grants and donations to enable us to continue working with the county's most challenged young people.

We are incredibly grateful to all of our supporters who donate time and money to GASP. Without you we wouldn't be able to continue what we do.

Thank you so very much to all those who give so generously, and who contribute to the life changing work we do.

If you would like to become more involved with GASP, please contact [Admin@GASPMotorProject.org](mailto:Admin@GASPMotorProject.org).

If you would like to make a donation, please scan the QR code, which will take you directly to our Just Giving page.

