



Scheme of Learning.

The Ambitious and Inclusive Curriculum, overall statement of intent:

What knowledge, skills and behaviours for future learning, employment or independence will the course equip pupils with?

The purpose of this course is to introduce pupils to some on the aspects of working in the motor industry as a mechanic. As well as the potential dangers that they may face, candidates will be learning about basic skills and behaviours needed to inform them of what a career in the industry my look like. The intention is that they will have the understanding required when choosing a pathway to follow in 6th form and supporting pupil's next step in their life journey.

Timings may vary for external candidates depending on attendance availability.

The Ambitious and Inclusive Curriculum, overall statement of implementation:

How will the knowledge, skills and behaviours for future learning, employment or independence be transferred to pupils?

This qualification will be delivered in house using the industry standard facilities that we have. Pupils will be supported in working to their own strengths throughout a range of units. The pupils will be assessed using practical observation which is backed up by task sheets. These sheets are used to complete a portfolio of learning which is required for formal certification. Time and learning support is used to ensure that pupils have the best possible chance to succeed.

The Ambitious and Inclusive Curriculum, overall statement of impact:

What will the impact be for the pupils completing this course?

When complete, pupils will have an introductory understanding of working in the Motor industry which will include an awareness of safety issues in the workplace and a familiarity of tools and equipment. Pupils will be much better informed as to whether they would like to pursue a career in the Automotive sector and will help with the decision when choosing a pathway to follow in 6th form.

Tutor	Paul Grainger Robin Evered	Level/Course	ABC Level 1 Award in Motor Vehicle Studies 500/4242/7	Units / Modules	Health and Safety H/501/7005 Engineering A/501/7009 Wheels and Tyres H/501/7022 Exhaust Systems M/51/7024 Vehicle Valeting J/501/7028
Day & Time	1 day a week for 2 hours	Room(s)	Motor Vehicle classroom/Workshop	<u>DFE Accountability table</u> (state which applies)	Tech Award

Week / Date	<u>Topics/Units</u>	<u>Aims & Objectives</u>	<u>Teaching and Learning Strategies</u> <i>The Evidence-informed Teacher</i>	<u>Assessment</u> <i>The Responsive Teacher</i>	<u>Personal and Professional Development</u> <i>The Confident & Employable Learner</i>
Year 1 Weeks 1-4	Introduction to Motor vehicle	Be able to explain about the types of equipment in the workshop	Practical sessions Power point presentation Group learning Quiz's and multi choice questions	Assessing starting points Initial knowledge check Q+A	Research different working Environments
Year 1 Weeks 5-24	Health and Safety	Be able to explain the hazards around motor vehicle workshops	Practical sessions Power point presentation Group learning Quiz's and multi choice questions	Q+A Quiz's and multi choice questions Practical observations and task sheets	Investigate HSE and different laws

Year 1 Weeks 24-29	Wheels and Tyres	Demonstrate how to replace and repair light vehicle tyres	Practical sessions Power point presentation Group learning Quiz's and multi choice questions	Q+A Quiz's and multi choice questions Practical observations and task sheets	Tyre laws including repair techniques Investigate local tyre centres
Year 1 Weeks 30-34	Exhaust systems	Demonstrate how to replace and repair light vehicle exhausts	Practical sessions Power point presentation Group learning Quiz's and multi choice questions	Q+A Quiz's and multi choice questions Practical observations and task sheets	Investigate aftermarket exhaust systems and performance tuning Research exhaust emissions.
Year 1 Weeks 35-38	Engineering	Demonstrate bench fitting skills including the production of a tool from a diagram	Practical sessions Power point presentation Group learning Quiz's and multi choice questions	Q+A Quiz's and multi choice questions Practical observations and task sheets	Using micrometers and vernier calipers
Year 2 Weeks 1-16	Engineering Continued	Demonstrate bench fitting skills including the production of a tool from a diagram	Practical sessions Power point presentation Group learning Quiz's and multi choice questions	Q+A Quiz's and multi choice questions Practical observations and task sheets	Using micrometers and vernier calipers
Year 2 Weeks 17-38	Motorcycle	Be able to explain how to check/maintain a motorcycle Be able to replace basic parts	Recap using Power point presentation/practical sessions with Q+A	Q+A Quiz's and multi choice questions Practical observations and task sheets	Research different motorcycle types and brands