

Curriculum Map: Life Skills, Motor Vehicle and Bike Maintenance, KS4 - ABC Awards Level 1&2

Curriculum Aims: Through the Motor Vehicle curriculum, we want students to -

- To develop a range of transferable knowledge and life skills
- To give students skills to prepare them for life outside of school in readiness for independent living
- To develop hands on vocational skills
- Engage students in current industry practise with the motor vehicle and bicycle arenas

Core content: What do we want students to know/be able to do?

- Knowledge and understanding of basic DIY skills
- Be able to use basic DIY skills, knowledge of H&S and fire safely
- Be able to ride and maintain a bicycle
- Identify various motor vehicle systems
- Identify and use specialist tools and equipment correctly and safely
- Use correct processes to remove and refit bike and car components correctly
- Problem solve
- Complete and understand tasks set

Year 8

Life Skills

Basic understanding of Health & Safety and Fire Safety

Cycling Proficiency

Highway Code and Hazards on the road.

Basic DIY/Home Maintenance skills

Year 9

Bike Maintenance

Remove and replace front and back wheels correctly

Pump up a tyre correctly identifying different valves tyres and recommended pressures

Remove and replace a tyre

Remove innertube and be able to find and fix a puncture correctly, whilst identifying the different causes of the puncture and its rectification

Remove ,replace and adjust rim brake blocks

Adjust saddle height/angle correctly

Year 10

ABC Motor Vehicle Award

Level 1

Introduction into health and safety in the workplace

Introduction into exhaust systems

Introduction into Wheels and Tyres

Introduction into Vehicle braking systems

Year 11

Introduction into Battery and Lighting systems

Introduction into Vehicle Inspection

Introduction into Vehicle Valeting

ABC Motor Vehicle Award Level 2

Knowledge of Inspection, Adjustment and Replacement of Light Vehicle Braking Systems and Components