

# Year 11 Motor Vehicle Long Term Curriculum Plan

HT1	HT2	HT3	HT4	HT5	HT6
<p>Cooling systems - header tanks, radiators and pressure caps, heater matrix and temperature control systems, expansion tanks hoses, clips and pipes, thermostats, impellers, ventilation systems</p>	<p>Fuel systems - petrol &amp; diesel systems, single and multi-point systems, Direct and indirect injection systems, injectors and injector types, sensors operation, hydrocarbon fuels</p>	<p>Electronic system - amplifiers, triggering systems, inductive pick-ups, hall generators, pulse generators, control units</p>	<p>Ignition systems - dwell angle, dwell time and dwell variations, advance and retard of ignition timing, closed and open loop systems, integrated ignition, injection systems, sensors</p>	<p>Exhaust system - silencers, catalytic converters, air filtration, diesel particulate filter (DPF)</p>	<p><b>Synoptic report summative assessment</b> interval servicing, full service, cambelt service &amp; serpentine service <b>Synoptic report summative assessment</b> customer servicing, dealership franchises &amp; independent businesses</p>