

Main Controls

Objectives – By the end of the lesson you will be able to locate, understand the use of and operate each of the main controls and the main ancillary controls.

Recap – WPrevExp HYG of driving/riding anything – bike/car/motorbike? HY ever used anything with gears?
DY know how a car works?

Ancillary Controls

<input type="checkbox"/>	Key barrel and positions	<input type="checkbox"/>	Window winders, auto and manual
<input type="checkbox"/>	Indicator stalk – use of full beam	<input type="checkbox"/>	Lights and bulbs externally, 100m, 40mph
<input type="checkbox"/>	Dashboard lights for fog, high beam and driving	<input type="checkbox"/>	Wiper controls
<input type="checkbox"/>	Horn – MUST NOT use when stationary or between 11:30pm and 7am in a built up area EXCEPT when other road users pose a danger	<input type="checkbox"/>	Rear and front demist
<input type="checkbox"/>	Heater controls	<input type="checkbox"/>	Rev counter / speedo etc

Handbrake

<input type="checkbox"/>	Used to secure vehicle when stationary	<input type="checkbox"/>	Operates rear wheels only
<input type="checkbox"/>	Does not put on brake lights	<input type="checkbox"/>	The steeper the hill, the harder you apply the brake
<input type="checkbox"/>	Demonstrate operation		

Power Transfer Explanation

<input type="checkbox"/>	From engine, through clutch, through gear box then to wheels. Also works from wheels to engine.	<input type="checkbox"/>	Must create a gap between the engine and the wheels if you want the engine running and the wheels stationary
<input type="checkbox"/>	Can create gap by putting clutch down or selecting neutral		

Gears

<input type="checkbox"/>	Just like a bike	<input type="checkbox"/>	Gears take a rotational force and multiply it
<input type="checkbox"/>	Gear lever diagram shows layout	<input type="checkbox"/>	Spring loaded to 3 and 4
<input type="checkbox"/>	5 forward, 1 reverse and Neutral	<input type="checkbox"/>	High gears = slow acceleration, higher speeds
<input type="checkbox"/>	Low gears = fast acceleration, lower speeds	<input type="checkbox"/>	Palming technique

Pedals

<input type="checkbox"/>	CBA – ABC	<input type="checkbox"/>	Left leg clutch or foot rest
<input type="checkbox"/>	Right leg on brake or accelerator	<input type="checkbox"/>	Line, right foot up with brake and flop to accelerator
<input type="checkbox"/>	All pedals sensitive in their own ways – explain	<input type="checkbox"/>	The term ‘Cover’
<input type="checkbox"/>	Accelerator – set gas, more gas	<input type="checkbox"/>	Lively hum
<input type="checkbox"/>	Varies fuel and therefore power	<input type="checkbox"/>	The harder you push, the more revs you get
<input type="checkbox"/>	PRACTICED		
<input type="checkbox"/>	Brake – operates all 4 wheels	<input type="checkbox"/>	Puts on brake lights
<input type="checkbox"/>	Very powerful – careful!	<input type="checkbox"/>	Harder you push the harder the brakes go on but always initially apply gently then top up if needed
<input type="checkbox"/>	PRACTICED		
<input type="checkbox"/>	Clutch – explain operation	<input type="checkbox"/>	Use to change gear
<input type="checkbox"/>	Down at 1000rpm to avoid stalling	<input type="checkbox"/>	Down quickly, up to bite quickly
<input type="checkbox"/>	Slow up from bite	<input type="checkbox"/>	Explain 20% bite over 5 seconds
<input type="checkbox"/>	Explain 1 mph	<input type="checkbox"/>	PRACTICED

Lesson Recap

<input type="checkbox"/>	Show me how to operate the handbrake.
<input type="checkbox"/>	Show me how to clean the windscreen.
<input type="checkbox"/>	Demonstrate the palming technique.
<input type="checkbox"/>	How would I know if the rear fogs lights are on from inside the car – demonstrate.
<input type="checkbox"/>	When do you push the clutch down?