



## Driving Instructor Structured Lesson Planner

### Student Details

<b>Name:</b>	<b>Licence Number:</b>	<b>Expiry Date:</b>	
<b>Logbook Lesson Topic 5:</b> Changing Gears – This topic applies for manual vehicles only.		<b>Date:</b>	<b>Time:</b>
<b>Email:</b>		<b>Mobile #:</b>	

### Pre-Preparation

**Learner driver Needs:** (Discussion with the supervising driver and learner driver to determine lesson content)

During the previous lesson we learnt about Steering. For this lesson we will recap on Steering Techniques.

We will then focus on **Changing Gears** for this lesson.

### Lesson Preparation

**Resources required:** (i.e. learner driver logbook, A guide to the Driving Test, Road Users Handbook, other teaching materials and training aids)

- ✓ Suitable vehicle
- ✓ Learner driver logbook (or app)
- ✓ Road Users Handbook
- ✓ A guide to the Driving Test
- ✓ Diagrams and Photographs
- ✓ iPad or tablet

The student will need to be able to steer the well enough to keep the car in a straight line and negotiate the line and negotiate the corners encountered.

**Planned Location/s for session:** (route, location and environment appropriate for topic and the learners level of skill)

Light traffic situations will be used as well as quiet areas for any steering maneuvers.

**Revision** and basic knowledge test about this lesson topic

Suggested time: 5 minutes

**Confirms what the learner must already know and do before attempting the lesson** (instructor tip: Confirm learning by questioning and through student practical demonstration of skills from previous lesson)

Ask the student:

Explain understanding of Changing Gears
How long should you signal before you move away from the kerb?
What mirror checks should you make before you move away from the kerb?
What is the minimum safe gap to move into when moving away from the kerb?



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Practical Demonstration of:

	Moving off and returning to the kerb
	Correct steering technique display

**Introduction** (Recap of previous topic, if applicable) Suggested time: 5 minutes

**Learning Goals to be covered during the lesson:** (Learning goals are to be taken from the Learner Driver Logbook) (Instructor tip: Ask the learner questions to confirm understanding of the topic before proceeding)

**Learning Goal:**

To Change gears smoothly and efficiently to suit road conditions, speed and vehicle requirements.

**Main Body** (Recap of previous topic, if applicable) Suggested time: 45 minutes

**Reasons for learning** - The importance of the knowledge and skills to be learnt: (Instructor Tip: Engage the learner by challenging, paraphrasing and encouraging them to reflect on the lesson content)

- The purpose of this lesson is to teach you the correct use of the vehicle’s gears, gear lever and clutch.
- As a driver, you will need to be able to select the correct gear to suit the driving conditions in a safe and effective manner, within the law and as laid down by the guidelines
- Efficient gear change, timing and co-ordination, ensures that the driver has safe and effective control over the vehicle.

By the end of the lesson the learner will be able to understand and operate the following:

- ✓ Identify the position and use of the Gear Lever
- ✓ Co-ordinate the Clutch, Accelerator and Gear Lever
- ✓ Change Up and Down gears according to the speed
- ✓ Brake and change down gears to prepare for a corner

**Instructor demonstration and student practical application of skills:**

Skills to be demonstrated by the instructor (what to do and how to do it, at a pace appropriate to the learner) (Instructor tip: Ask the learner questions to confirm understanding before the learner takes control of the vehicle)

	Demonstrate the location of gears 1-5 and their most appropriate use
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Demonstrate position of Reverse and explained its correct use:

	Reverse gear should only be engaged when the vehicle is stopped.
	Position can vary and usually requires a push down or lever pull to engage reverse gear to ensure that reverse gear is not selected in error.

Gears and Gear Changing:

	Gears provide power, speed and/or fuel conservation and braking assistance.
	Gear changing is divided into three sections: use of hands, tempo, and use of feet.

Use of Hands:

	There are no hard and fast rules for hand positioning in gear changing.
	If it is comfortable and works successfully it is acceptable.
	The hand position can vary from person to person and vehicle to vehicle.

Tempo:

	The correct tempo in gear changing is important as it reduces excessive wear in the gearbox.
	When changing, there should be a definite pause in neutral between gears.

Use of Feet: The sequence of pedal operation for changes:

When accelerating		When decelerating	
	1. Clutch in		1. Break
	2. Accelerator off		2. Clutch in
	3. Change gear		3. Change gear
	4. Clutch up with accelerator on		4. Clutch up (continue breaking as needed)

Other:

	Demonstrate the judgement, timing, technique and co-ordination of selecting and changing gear
	Demonstrate "pause" between gears

**Student practically applies knowledge and skills in a range of contexts and situations appropriate to the learner:** Instructor Tip: Maximise student practice time

**COMMENTS ON STUDENTS PERFORMANCE DURING THE LESSON:**



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**Recap Learning Goals** (Recap of previous topic, if applicable) Suggested time: 5 minutes

**Lesson Summary:** (Instructor Tip: After the lesson has actually taken place)

**During this lesson the student learnt how to:**

- ✓ Co-ordinate the Clutch, Accelerator and Gear Lever
- ✓ Change Up and Down gears according to the speed
- ✓ Brake and change down gears to prepare for a corner
- ✓ Select all gears 1 - 5 and Reverse

**Ask student:**

- ✓ Is there anything in today's lesson which you are unsure about?

**Identify student strengths:**

- ✓ Comments on student's ability and give positive reinforcement.

**Identify areas for further development:**

- ✓ Record and discuss with student the areas which they need to practice.

**Link to the learner driver logbook learning goals for next lesson.**

### Summary

Today we covered Learning Goal 5 – **Changing Gears.**

The next lesson we will review the topic Changing Gears and then move on to the next Learning Goal – **Scanning.**

My areas for further development have been explained to me.

Learner signature \_\_\_\_\_ Date \_\_\_\_\_