

Lesson Plan

Paint defects: causes, identification and correction



Skill

Repairing minor paint defects

Duration

Approximately 1 hour

Suitable for:

This module is suitable for learners undertaking apprenticeship and technical skills which include units and modules that focus on repairing paint defects and vehicle accident repair.



Resources needed:

When accessing the learning materials through the LMS, ensure you have a suitable screen, laptop or other computer, to access the system accordingly.

Students can go through the online materials independently – either at your facilities, if you have access to enough computers, or at home in their own time.

Where students do not have access to the right technology, or where you as the educator would prefer to print out resources, you will need to download and print Lessons 1, 2, 3 and 4. If you would like to use the stretch activity, please download and print Lesson 5, too.

You will also need access to the technology to play a video demo, which is mandatory watching in order to complete Lesson 4.

The assessment should be taken online through the LMS.



Learning outcomes

Students will:

- recognise the causes of different paint defects
- identify a variety of paint defects
- outline how to rectify various paint defects
- re-enact the process of de-nibbing.

Section	Timings	Key teaching points
Introduction	2 minutes	Introduction slide
Learning outcomes		
Lesson 1: causes of paint defects*	10 minutes	Get learners thinking about the causes of various paint defects and what they can do to avoid these defects occurring.
Lesson 2: identify paint defects*	5 minutes	Allow learners to visualise different paint defects and understand how each are described. This could be turned into a group activity, drawing on the game, 'Concentration', for example.
Lesson 3: rectify paint defects*	10 minutes	Get learners to consider how to rectify the different paint defects they have learnt about so far.
Lesson 4: correct dirt nibs*	15 minutes	Play a video demo for learners to watch, before going through the process with them in more detail.
Summative assessment	15 minutes	Assess learners' understanding of the topic.
(Optional) Lesson 5: stretch task*	15-30 minutes	Get learners to think about the future of the industry.

*Please note, these sections are available as downloadable PDFs, through the LMS.



Additional information

Preparation:

- familiarise yourself with the LMS
- make sure that you have printed all of the resources
- ensure you have access to the technology to play a video demo.

Differentiation/meeting individual needs

You may need to support some learners who do not have access to the right technology or do not have internet access.

Extension work:

Learners can explore questions on the future of the automotive refinishing industry. Please see the stretch activity document for more information.