

REVISION CARDS - WOOD FINISHES - 1

V.Ryan © 2000 - 2018

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

REVISION CARDS - WOOD FINISHES - 1

WHY IS A FINISH APPLIED TO WOOD?



1. A good quality finish such as varnish, offers a level protection to the surface of the wood.
2. A finish will enhance the natural grain, lifting the perceived value of the product.
3. Preservation of wood is another reason for applying a finish, lengthening the lifespan of the piece of furniture / product.
4. A dye applied as a finish, will change the 'colour' of the wood, giving the illusion that 'cheap' pine is actually more expensive mahogany.
5. A finish will provide a gloss, matt or silk finish, depending on preference of the customer.

www.technologystudent.com © 2017

INITIAL PREPARATION

Filling cracks - **PVA or cascamite** mixed with wood dust producing a paste, which is then applied to cracks and gaps. **Premixed wood fillers** are also available, as powders to be mixed with water or applied straight from a tube.

Shellac - Supplied in stick form, in various shades. It is melted into holes / cracks in the wood with a soldering iron and then levelled, usually with a chisel.

Wax sticks - useful when repairing scratches, nail holes or cracks. The stick is warmed up and when soft, pressed into the hole / crack. The surface is then levelled with glass paper.

www.technologystudent.com © 2017

GENERAL WOOD FILLERS



SHELLAC STICKS



WAX STICKS



www.technologystudent.com © 2017

1. Why is a finish applied to the surface of natural wood? 4 marks

2. How are shellac and wax sticks used? 4 marks
