

Painting and Decorating	Carpentry	Bricklaying
<p align="center"><b>Decorating an Inside Wall</b></p>	<p align="center"><b>Making Carpentry Joints</b></p>	<p align="center"><b>Building a simple wall</b></p>
<p>Measuring and calculation: quantities of supplies, mixing and calculating lengths.                      Health and safety: aware of hazards, the risks in painting, keeping safe, personal protective equipment (PPE) and working safely with others.                      Reading drawings and colour charts to understand what has to be painted, working out dimensions, using a tape measure and using a plumb line to check vertical paper lines.                      Looking at the working area and preparing for painting and wallpapering, filling and sanding, sizing walls.                      The methods and materials used in painting and decorating                      Using emulsion and gloss paints on wall surfaces and frames.                      Sanding, knotting, primer, undercoat and gloss paint to timber surfaces.                      Mixing wallpaper paste, sizing walls, applying paste to paper, hanging paper, smoothing and cutting to line. The types of hand tools used to apply paints and wallpapers.</p> <p><b>Transferable skills</b></p> <ul style="list-style-type: none"> <li>Managing self and development: assessing finish of preparation and quality of paint and wallpaper hanging work to identify areas for improvement.                      Communication: identifying and selecting tools, materials and equipment, obtaining feedback from others.</li> </ul>	<p>The use of a Tenon saw, square, ruler, marking gauge, bench vice, saw bench and drill.                      Using a drill and drill bits to form holes.                      Using a plane and sand paper to finish wood.                      Fixings – screws, pins, nails and hinges.                      Glues and clamps, sash, frame cramp.                      Timber – different types, stains and finishes.                      Planning the type of joints you would use for the wooden frame.                      Working out how much timber is required by reading the drawing and interpreting information.                      Marking out simple half lap or butt/mitre joints in any format. Making and assembling a wooden frame                      Using a tape measure and ruler to transfer dimensions from the drawing or setting out rod to construct the wooden frame.                      Selecting the correct tools for the construction of the wooden frame.                      Finishing the wooden frame by sanding or application of a secondary finish.</p> <p><b>Transferable skills</b></p> <ul style="list-style-type: none"> <li>Planning: using joinery knowledge to plan and make a wooden frame.</li> <li>Problem solving: selecting suitable joints, overcoming issues and errors, identifying and giving solutions.</li> </ul>	<p>Selection of materials, tools and equipment used in preparation for building a wall                      Building simple structures up to three courses of brick in height, free standing walls, double skinned walls and foundations.                      Reading drawings to understand what has to be built, working out dimensions, using a tape measure, using a level to check horizontal and vertical levels.                      Awareness of the hazards and precautions that need to be taken before starting bricklaying. •                      Laying bricks to line and level following given dimensions, laying courses of bricks, laying mortar beds, hand-eye coordination, maintaining vertical plumb, maintaining horizontal control for level.                      Pointing, vertical and horizontal joints, bucket handle or tooled finish, reason why the joint is pointed, keeping the finished wall clean and free of mortar staining.</p> <p><b>Transferable skills</b></p> <ul style="list-style-type: none"> <li>Planning: the skills required to read and understand a drawing of a wall and the courses and positioning of each brick</li> <li>Problem solving: solving calculation of quantities and course dimensions</li> </ul>