

Year 10

		HT1 Basic skills for joinery	HT2 Basic skills for painting	HT3 Basic skills for decorating	HT4 Basic skills for groundwork	HT5 Basic skills for brickwork	HT6 Practical assessments
<p>Learning outcomes/composite knowledge: Pupils will be able to...</p>		<p>Pupils will begin with the basics of joinery, first learning the correct usage of the commonly used hand tools and power tools, alongside common equipment such as vices, clamps and measuring and marking equipment.</p> <p>Pupils will then learn how to use different fastening methods to connect and hold timber components together.</p> <p>Understand the difference between imperial and metric measurements and be able to interpret them.</p> <p>Develop measuring and marking skills.</p> <p>Develop cutting and finishing skills by hand.</p> <p>Develop finishing skills to form even, smooth surfaces.</p> <p>Construct basic woodworking pieces either alone, in pairs or small groups.</p>	<p>Pupils will learn about the variety of painting & decorating tools and equipment used commonly to carry out painting and decorating tasks.</p> <p>Pupils will learn basic terminology and methods used to carry out painting activities such as preparation of surfaces and materials, and correct application of paint coverings.</p> <p>Pupils will learn about common painting defects such as 'cissing', 'sagging' and how to rectify and/or avoid them.</p> <p>Pupils will be able to develop 'cutting in' and application skills.</p> <p>Pupils will be able to apply designs to surfaces.</p>	<p>Pupils will learn about the importance of, and how to set up/maintain a clean and safe working environment.</p> <p>Pupils will learn about the Personal Protective Equipment (PPE) tools, equipment and materials used commonly by painters and decorators.</p> <p>Pupils will be able to prepare background surfaces through a variety of methods (stripping, degreasing/cleaning etc.).</p> <p>Pupils will learn how to prepare a background surface for wallpapering.</p> <p>Pupils will be able to prepare a background surface and hang lining paper horizontally.</p> <p>Pupils will be able to prepare surfaces and hang wallpaper vertically.</p> <p>Pupils will learn how to trim wallpaper to leave a neat finish to edges.</p>	<p>Pupils will learn about various aspects of groundwork including block paving, laying paving slabs and constructing paths.</p> <p>Pupils will learn about the Personal Protective Equipment (PPE) tools, equipment and materials used for groundwork activities.</p> <p>Pupils will be able to form a 'bed' and prepare surfaces by 'screeding'.</p> <p>Pupils will be able to lay block paviours to a given specification in a 'basket weave' pattern.</p> <p>Pupils will be able to lay flags to construct a straight path with a 'fall'.</p> <p>Pupils will be able to set out and maintain a safe and tidy working area.</p>	<p>Pupils will learn what Personal Protective Equipment (PPE), tools and materials are required to safely and correctly carry out basic brickwork activities.</p> <p>Pupils will be able to set out/maintain a safe, tidy work area and prepare for brickwork activity (load up/dry bond).</p> <p>Pupils will be able to correctly (and safely), mix mortar to the correct ratio and consistency.</p> <p>Pupils will be able to cut, roll and spread mortar correctly to form a mortar 'bed'.</p> <p>Pupils will be able to construct a basic brickwork pyramid in stretcher bond.</p> <p>Pupils will be able to construct a half brick return corner.</p> <p>Pupils will be able to measure, mark and cut bricks safely and to form a 'stopped end' to brickwork.</p> <p>Pupils will be able to apply a 'half-round' jointed finish to their brickwork.</p>	<p>Pupils will first learn about the assessment process and will participate in assessment activity by conducting self and peer assessments on a range of work. This will be done both formatively and summative, using criterion and assessments forms similar to those that will be used by the tutor to formally assess the work of the pupils.</p> <p>Feedback, both constructive and developmental will also be encouraged and pupils will carry out assessments in each of the trade areas to recap and cement knowledge gained across the previous academic year and beyond.</p> <p>This will give the pupils a broader understanding of the assessment practice, aimed at developing 'critical' thinking and knowledge of assessment expectations and standards.</p> <p>This method will be used to enable the pupils to push for higher grades.</p>
Knowledge	Declarative	<ul style="list-style-type: none"> I know what the basic tools and equipment 	<ul style="list-style-type: none"> I know what the basic tools and equipment 	<ul style="list-style-type: none"> I know what the tools, materials and equipment used for 	<ul style="list-style-type: none"> I know what the tools, materials and equipment 	<ul style="list-style-type: none"> I know what materials are required to make 	<ul style="list-style-type: none"> I know what the assessment process is.

	Knowledge: know what	<p>used in joinery are called.</p> <ul style="list-style-type: none"> • I know what to wear to protect myself while carrying out joinery activities. • I know what the procedure is for cutting timber to a specified size. • I know what 'dimensions' are and how to interpret them from a drawing. • I know what is required to fasten timber components securely. • I know what fastening methods to use for a variety of situations. 	<p>used for painting are called.</p> <ul style="list-style-type: none"> • I know what to wear to protect myself while carrying out painting activities. • I know what tools and equipment are required to prepare and paint surfaces. • I know what the process of preparing and painting surfaces is. • I know what the health and safety risks and hazards related to painting activities are. 	<p>wallpapering activity are.</p> <ul style="list-style-type: none"> • I know what Personal Protective Equipment (PPE) is required to carry out wallpapering activities cleanly and safely. • I know what the process is of preparing surfaces, materials and hanging wallpaper. • I know what risks and hazards are associated with wallpapering activity and how to use stepladders correctly. 	<p>used to carry out groundwork activities are.</p> <ul style="list-style-type: none"> • I know what Personal Protective Equipment (PPE) is required to carry out groundwork activity. • I know what 'aggregates' are and which ones are used to construct a 'bed' for block paving work. • I know what a 'fall' is and why one is used to construct paths. • I know what 'compaction' is; and the importance of it for stability. 	<p>mortar correctly and what a 'ratio' is.</p> <ul style="list-style-type: none"> • I know what 'dry bonding' is and how to do it. • I know what personal protective equipment (PPE) is required to carry out brickwork activity safely. • I know what the common tools and equipment used for bricklaying activities are. • I know what risks and hazards are associated with bricklaying activity and how to dispose of waste materials. 	<ul style="list-style-type: none"> • I know what is required and expected during my formal assessments. • I know what to expect during formal assessment. • I know what an appeals process is and how to make an appeal if I am unhappy with an assessment decision.
	Procedural Knowledge: know how	<ul style="list-style-type: none"> • I know how to measure timber • I know how to mark timber correctly • I know how to cut timber using hand tools • I know how to use a band saw • I know how to use a mitre saw • I know how to use sanding station • I know how to use the common hand tools used in joinery correctly and safely • I know how to use the common power tools used in joinery correctly and safely 	<ul style="list-style-type: none"> • I know how to use Personal Protective Equipment (PPE) appropriate to preparing and painting surfaces. • I know how to protect surrounding surfaces and objects prior to carrying out a painting activity • I know how to select materials required to prepare and paint surfaces. • I know how to select tools and equipment required to prepare and paint surfaces. • I know how to prepare surfaces and apply a design before painting. 	<ul style="list-style-type: none"> • I know how to prepare a variety of surfaces for wallpapering. • I know how to prepare materials correctly before applying to surfaces or wallpapers. • I know how to apply paste and wallpaper correctly. • I know how to trim wallpaper neatly, safely and correctly. • I know how to interpret wallpaper manufacturer's instructions and symbols and apply them. 	<ul style="list-style-type: none"> • I know how to select appropriate Personal Protective Equipment (PPE) before carrying out groundwork activity. • I know how to prepare and maintain a safe/tidy working area. • I know how to lay aggregates and form a stable base. • I know how to create a 'fall' for water to run off. • I know how to mix materials to make mortar. • I know how to use a spirit level correctly. 	<ul style="list-style-type: none"> • I know how to mix mortar correctly using a ratio. • I know how to set up a safe work area and load up/set out for bricklaying activity correctly. • I know how to prepare and spread mortar for brickwork. • I know how to construct brickwork using stretcher bond with a half-round jointed finish correctly. • I know how to make brickwork level. 	<ul style="list-style-type: none"> • I know how to assess my own work, as well as that of others. • I know how to mark my own work and how I can spot mistakes, which can then be corrected. • I know how to be self-critical of my own work. • I know how to judge standards of work correctly.

					<ul style="list-style-type: none"> • I know how to create a 'basket weave' pattern with block paviments. 	<ul style="list-style-type: none"> • I know how to 'gauge' brickwork. • I know how to 'plumb' brickwork and where plumbing points are. • I know how to 'range' brickwork. • I know how to interpret a working drawing/specification. 	
Exemplar Task(s)	Composite	<ul style="list-style-type: none"> • Construct a corner-halving joint to a specification. • Construct a tee-halving joint to specification. • Construct a simple woodworking project e.g. garden bench, bird box or table. • Construct timber framing to specification. • Peer and/or self-assess work, using criterion given. • SEEC model for key vocabulary. 	<ul style="list-style-type: none"> • Prepare and paint a panel door • Prepare and paint a window frame. • Prepare and paint surfaces by brush and roller • Prepare surfaces and apply a design (and paint to specification). • SEEC model for key vocabulary. 	<ul style="list-style-type: none"> • Prepare surfaces and apply lining paper to a wall horizontally. • Prepare surfaces and apply wallpaper to a surface vertically. • SEEC model for key vocabulary. 	<ul style="list-style-type: none"> • Prepare materials and lay paving flags correctly to a fall. • Form straight cuts manually and create 'bonds' with block paviments. • Lay block paving to a specified design/pattern. • Lay a stable 'bed' for block paving. • SEEC model for key vocabulary. 	<ul style="list-style-type: none"> • Construct a brickwork pyramid in stretcher bond. • Construct a half-brick return corner in stretcher bond. • Measure, mark and cut bricks and form a 'stopped' end to brickwork. • Peer and/or self-assess work, using criterion given. • SEEC model for key vocabulary. 	<ul style="list-style-type: none"> • SEEC model for key vocabulary.