

## CONSTRUCTION

At James Calvert Spence College, we provide a broad and balanced, ambitious curriculum for all pupils. Our construction curriculum introduces knowledge and skills to pupils through both mandatory and carefully selected units of work. Our curriculum plans follow the National Curriculum as well as drawing upon best practice within the field of construction. We draw on evidence-based research to ensure our curriculum is high quality and meets the needs of our pupils. We provide regular opportunities to revisit learning, so it becomes embedded in our pupils' long-term memory. The overview of our plan is below:

**Assessment:** Assessments are provided in line with the school's assessment schedule and written feedback is calendared for pupils. We also provide live feedback as described below.

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	<b>Level 1 Award in Construction Skills</b>					
	<p>In Y10, our construction pupils will complete Unit 101: Introduction to health and safety in construction, Unit 102: Introduction to the construction industry, Unit 111: Painting and wallpapering and Unit 117: Tiling floors with a border:</p> <p><b>Unit 101: Introduction to health and safety in construction (Approx 30 hours)</b>            This unit is a mandatory unit to the qualification that provides the fundamental knowledge of health and safety regulations on construction sites.            What you will learn:</p> <ul style="list-style-type: none"> <li>● Legal responsibilities</li> <li>● Common hazards</li> <li>● Safe working practices</li> <li>● Personal protective equipment</li> <li>● Emergency procedures</li> </ul> <p>Following the mandatory units, are some carefully selected optional units to ensure a broad range of skills are being taught to our pupils. These are:</p> <p><b>Unit 102: Introduction to the construction industry (Approx 30 hours)</b>            In this unit, our pupils will learn how to identify traditional and modern types of construction methods, know sustainable construction, know types of activities and job opportunities in the construction industry.</p>					

	<p><b>Unit 111: Painting and wallpapering (Approx 40 hours)</b>  This unit is focused on the practical skills of preparing surfaces, selecting appropriate materials, and applying both paint and wallpaper according to technical specifications and safety standards.</p> <p><b>Key aspects of this unit involve:</b></p> <ul style="list-style-type: none"> <li>● Surface preparation</li> <li>● Material selection</li> <li>● Painting techniques</li> <li>● Wallpaper application</li> <li>● Work area safety</li> </ul> <p><b>Unit 117: Tiling floors with a border (Approx 30 hours)</b>  Our pupils will learn how to lay floor tiles to include borders, identify Personal Protective Equipment (PPE) appropriate to laying floor tiles to include borders, identify materials required to lay floor tiles to include borders, identify tools and equipment required to lay floor tiles to include borders and state methods to fix floor tiles to different surfaces. They will also learn how to finish tiles by applying grout to tiled area, clean and polish tiles ready for uses as well as be able to set up and maintain a clean and safe working environment.</p>
11	<p style="text-align: center;"><b>Level 1 Award in Construction Skills</b></p> <p>In Y11, our construction pupils will complete Unit 101: Introduction to health and safety in construction, Unit 102: Introduction to the construction industry, Unit 003: Painting techniques and Unit 113: Applying wallpaper to internal and external angles and painting skirting:</p> <p><b>Unit 101: Introduction to health and safety in construction</b>  In this unit, our pupils will revisit and continue to learn the importance of health and safety in the construction industry, how to minimise the risk of accidents caused by hazards, the safety signs and their categories and about Personal Protective Equipment (PPE).</p> <p><b>Unit 102: Introduction to the construction industry</b>  This unit will be revised and continued by pupils who will learn how to identify traditional and modern types of construction methods, know sustainable construction, know types of activities and job opportunities in the construction industry.</p> <p><b>Unit 003: Painting techniques</b>  In this unit, our pupils will learn how to prepare and paint surfaces, be able to prepare and apply paint to surfaces, be able to transfer and paint designs to prepared surfaces and be able to set up and maintain a clean and safe working environment.</p> <p><b>Unit 113: Applying wallpaper to internal and external angles and painting skirting</b>  In this unit, our pupils will learn how to prepare and decorate wall surfaces and skirting, to prepare and decorate wall surfaces, to apply random match wallpaper to internal and external angles, to prepare and paint skirting boards and to set up and maintain a clean and safe working environment.</p>

**Examples of on-going assessment and feedback in lessons**

- Verbal feedback by the teacher to the whole class which pupils act on in the lesson
- Pupils self-assess or peer-assess work with a clear framework guiding them through this
- Teachers circulate to give 'LIVE' and immediate feedback as pupils are working independently
- Pupils may complete mini quizzes or retrieval activities that revisit prior learning and receive verbal feedback
- Use of tailored questioning by the teacher