Holmer Green Senior School

Construction

2026-27

Curriculum Intent

Work Hard, Be Kind, Have Passion

In Construction we aim to equip learners with the technical skills, practical knowledge, and professional attributes necessary to thrive in the dynamic and evolving construction industry. Through a blend of hands-on experiences, theory, and critical thinking, the curriculum aims to prepare students for a wide range of roles in the construction sector, including trades, project management, and further technical or academic study. The curriculum fosters a deep understanding of sustainability, safety, and innovation in construction, encouraging students to contribute meaningfully to future developments in the built environment.

By the end of the course pupils should have:

- Practical skills and knowledge for immediate employment or apprenticeships in the construction industry.
- Demonstrate strong safety awareness, sustainability practices, and project management skills.
- Be equipped to pursue further qualifications or careers in related fields such as civil engineering, architecture, or construction management.

HGSS Curriculum Map

Year 10 Construction

Exam Board: Pearson			**Careers: Bricklayer, Carpenter, Electrician, Architect, Quantity Surveyor**		**Co-Curricular:**		**Sequencing: Year 11 Component 3 Design & Construction**	
	Autumn 1	**Autumn 2**	**Spring 1**	**AP1**	**Spring 2**	**Summer 1**	**Summer 2**	**AP2**
Content	Joints Making & Comp 1 Theory	Skill Box & Comp 1 Theory	Comp 2 prep	Skills Box Component 1 Written paper	Component 2	Design and build an architectural model	Design and build an architectural model	Component 2 Mock Paper
Skills:	Work safely in the workshop, identifying risks and being aware of how to minimise those risks using PPE & Risk Assessments Explore how sub structures are constructed	Measuring, marking & setting out tools to cut a range of joints Sustainability Common structural forms for low-rise construction	Walk and talk through a practice Comp 2 in preparation for the assessment. Risk Assessment & construction of set task.		Complete the task set by the exam board	Understand a clients needs & the constraints when designing a low rise building. Develop skills to communicate design ideas using concept sketches Understand the performance requirements for low-rise construction	Explore how super structures are constructed Communicate design ideas using 3D drawing techniques such as 2 point perspective & Isometric Complete some simple bricklaying tasks	

HGSS Curriculum Map

Year 11 Construction

Exam Board: Pearson			Careers: Bricklayer, Carpenter, Electrician, Architect, Quantity Surveyor		Co-Curricular:		Sequencing:	
	Autumn 1	**Autumn 2**	**Spring 1**	**AP1**	**Spring 2**	**Summer 1**	**Summer 2**	**AP2**
Content	Component 3 Prep Comp 1 Prep	Component 3	Design and build an architectural model Comp 1 prep	Component 2 Mock Exam	Revision	Revision		
Skills:	Understand the work of the construction industry Develop skills to communicate design ideas using 2D floor plans Preparation for upcoming written paper Comp 1 Walk and talk through practice Comp 3 task in preparation for the upcoming assessment	Complete the task set by the exam board Design a building for a client Complete Design Brief Assignment set by the Exam Board	Develop the abiltiy measure, cut, and assemble components in the form a compete building. Better Understand the process and components of complete single floor structure. To improve knowledge, and to better prepare for Component One Exam.		Revision for Component 1 Written exam	Revision for Component 1 Written exam		