

# SUBJECT: CONSTRUCTION



**NESTON**  
HIGH SCHOOL

## KS4 CURRICULUM PLAN

KS3 Knowledge and key skills

YEAR 10	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>TOPIC</b>						
<b>Knowledge</b>	(1) Introduction to Safety and Security on a construction site - including Safety Signage/Tools/Materials (2) Practical Carpentry Skills building from yr7 and yr9 (3) Roles on a construction site - Client, Architect, Structural Engineer	(1) Safety and Security on a construction site - including Safety Signage/Fire extinguishers (2) Practical Carpentry Skills building from yr7 and yr9 (3) Roles on a construction site - Plumber, Electrician, Bricklayer	(1) Safety and Security on a construction site - including Legislation/Regulations (2) Practical Carpentry Skills building from yr7 and yr9 (3) Roles on a construction site - Carpenter, Security, Quantity Surveyor	(1) Safety and Security on a construction site - including Role of the HSE (2) Practical Carpentry Skills building from yr7 and yr9 (3) Roles on a construction site - Site Engineer, Project manager, Health and Safety officer	(1) Safety and Security on a construction site - Hazard Risk Control Measures(2) Practical Carpentry Skills building from yr7 and yr9 (3) Roles on a construction site - Town planner, Catering, Public liason Officer	(1) Safety and Security on a construction site - Hazard Risk Control Measures(2) Practical Carpentry Skills building from yr7 and yr9 (3) Roles on a construction site - Procurement Officer, Finance Officer, Administration Officer
<b>Skills</b>	(1) To recognise different site signage (2) Gaining an understanding of how to use specific tools to create a jointing system in wood. Each jointing system builds upon the previous system. (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary	(1) To recognise different site signage and fire extinguishers (2) Gaining an understanding of how to use specific tools to create a jointing system in wood. Each jointing system builds upon the previous system. (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary	(1) To recognise different site legislations and regulations - HASAWA 1974, RIDDOR, PUWER, COSHH, WAHR 2005 (2) Gaining an understanding of how to use specific tools to create a jointing system in wood. Each jointing system builds upon the previous system. (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary	(1) To understand the role of the HSE and the actions that they can take(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action	(1) To recognise a Hazard, understand the Risk and implement a Control Measure(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action	(1) To recognise a Hazard, understand the Risk and implement a Control Measure(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action
<b>Key Vocab</b>	(1) Safety, Security, Signage (2)Marking Guage, Measurement, Right Angle (3) Activities, Outputs	(1) Mandatory, Prohibition, Warning, Fire Safety, Safety Control. (2) Mortise and tennon, cross half lap (3) Water source, Internal, External, Electrical system	(1) HASAWA 1974, RIDDOR, COSHH, PUWER (2) Chisel (3) Activities, Outputs, Responsibilities	(1) Prosecute, Serve Notice, Caution, Withdrawal Approval, Vary Licenses, Provide Advice	Trapped, Collapsed, Fall, trip, Struck, Handling, Lifting, Fatal, Non Fatal	Barrier, Fence, PPE, Security, Harness, Warning, Substitution, Elimination,

YEAR 11	SUMMER 2	SUMMER 1	SPRING 2	SPRING 1	AUTUMN 2	AUTUMN 1
<b>TOPIC</b>						
<b>Knowledge</b>	Exam	Exam preparation for both external exams (1) Safety and Security on a construction site (3) Planning Construction Projects	(1) Safety and Security on a construction site - Work practice scenarios Hazards and Risks (2) Practical Painting Skills - application of til (3) Construction Process - Super Structure - Gantt charts	(1) Safety and Security on a construction site - Work practice scenarios (2) Practical Tiling Skills - application of tiles (3) Construction Process - Super Structure - Gantt charts and timing sequence	(1) Safety and Security on a construction site - Security on a building site (2) Practical Tiling Skills - application of tiles (3) Construction Process - Super Structure - Gantt charts and job sequence	(1) Safety and Security on a construction site - Hazards at the workplace(2) Practical Tiling Skills - How to prep a surface, how to prepare tiles, application of tiles (3) Construction Process - Sub Structure - Gantt charts
<b>Skills</b>	Exam	Working through past papers and revision booklets	(1) To recognise a Hazard, understand the Risk(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action	(1) To recognise the dangers of a building site, possible injuries and how to eliminate them(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action	(1) To recognise a how security can prevent theft of Data and materials(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action	(1) To recognise a hazard and understand the possible dangers and injuries(2) Gaining an understanding of how to use specific tools (3) To understand an externally assessed exam question and how to structure an answer using key vocabulary within the definition, specific example and future action
<b>Key Vocab</b>		All of the previous Key words and phrases	Hard/Soft landscaping, Rainwater goods, Alarm systems, Cladding and External decoration	First fix, Internal, External, Skim	Encryption, Data, Hacking, Passwords, Clouds and Gantt charts	Hazard, Risk, Control Measure, Groundwork, Foundations, Footings, Drainage, Services

Key Knowledge Transfer