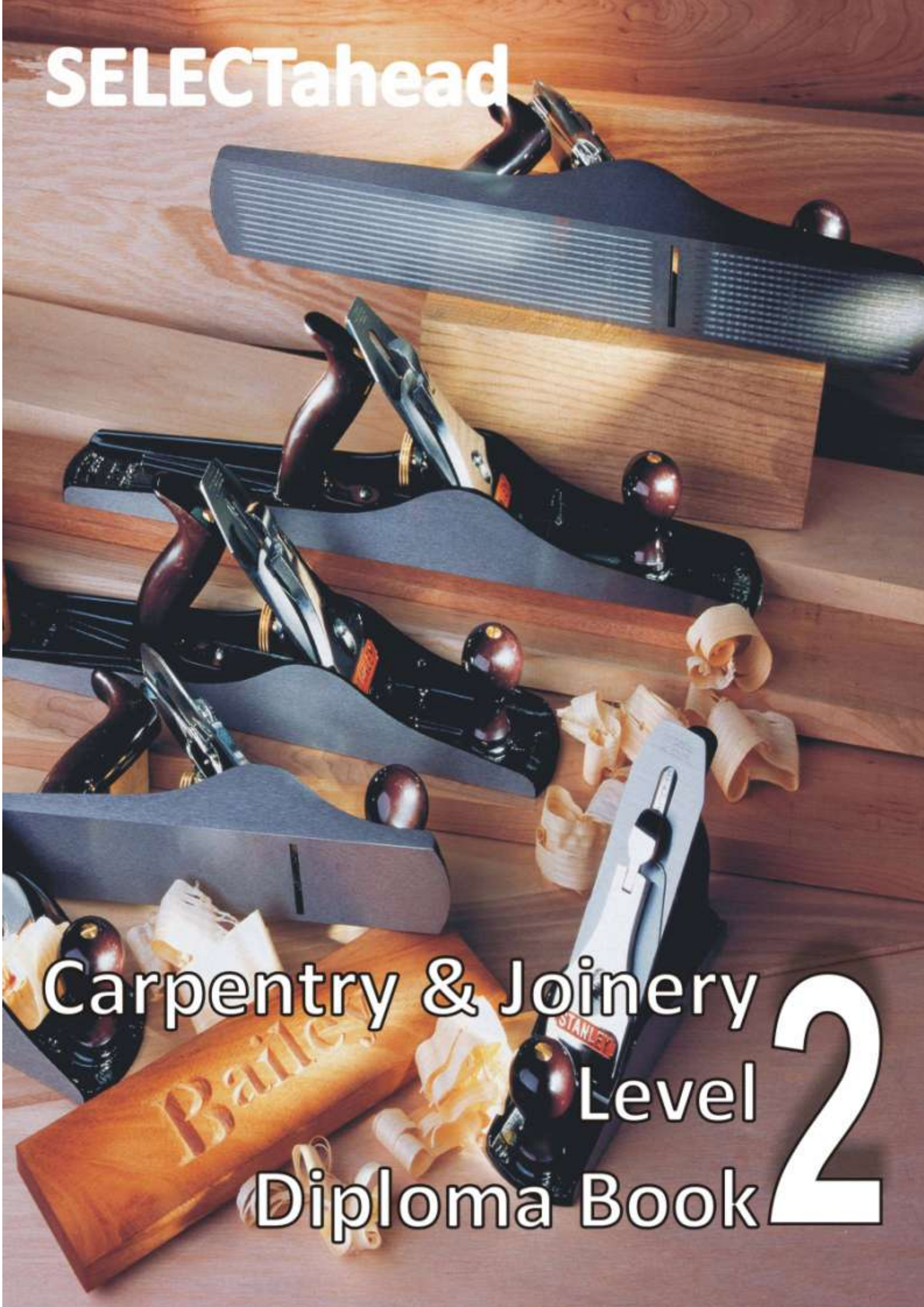


SELECTahead

**Carpentry & Joinery
Level
Diploma Book 2**



Carpentry and Joinery Level Two Diploma Puzzle Book Extract

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Carpentry and Joinery Level Two Diploma Puzzle Book Extract

All the words are connected with Health and Safety in the Construction Industry. Solve the clue first then find the words in the word search grid. The words have been printed across (Backwards or Forwards), or up and down, or diagonally, but always in a straight line. Can you find them?

X	F	S	T	O	O	B	Y	T	E	F	A	S	K	D	Y	J	S	A	N
R	K	Z	K	R	X	O	B	D	I	A	T	S	R	I	F	E	H	C	Q
J	N	W	Q	E	E	F	A	S	H	F	L	L	L	B	E	V	W	C	D
Q	Y	T	M	M	X	H	A	S	A	W	A	H	W	N	T	A	L	I	Y
R	R	N	F	R	R	M	R	A	L	A	D	F	K	P	T	O	C	D	R
M	O	E	K	O	H	G	K	N	K	L	D	Y	L	E	H	F	D	E	N
M	T	D	Z	F	R	I	L	T	V	R	E	N	R	O	I	K	J	N	B
M	A	I	K	S	G	P	G	B	T	W	R	N	C	R	X	Y	P	T	L
M	D	C	W	N	K	N	Z	H	O	G	S	L	S	B	R	H	C	B	K
K	N	C	R	A	C	Q	T	L	V	Y	A	T	B	X	P	N	T	O	P
L	A	A	C	R	A	V	L	R	N	I	A	X	F	P	Q	W	R	O	L
H	M	G	O	T	B	E	S	T	R	I	S	B	L	U	E	P	A	K	R
M	K	R	T	T	Y	K	G	D	D	Q	M	I	K	D	F	F	I	P	E
F	H	A	E	R	H	P	L	E	R	R	H	W	B	A	D	R	N	T	W
J	E	H	H	C	N	E	R	B	N	A	K	A	L	I	S	H	I	O	O
H	K	Z	S	S	N	V	R	G	Z	V	Z	L	R	I	L	T	N	X	P
D	N	M	H	O	E	A	H	S	M	L	S	A	G	N	Q	I	G	I	Y
R	L	N	T	T	C	K	C	G	L	L	X	N	H	T	E	X	T	C	R
K	A	P	P	L	I	A	N	C	E	D	S	W	X	P	R	S	F	Y	D
Y	D	N	S	U	P	E	R	V	I	S	O	R	C	H	N	G	S	K	W

TIP Write your answer next to the clue and then find your answer in the Word Search Grid

Carpentry and Joinery Level Two Diploma Puzzle Book Extract

Table A contains six methods of drawing projection while Table B contains their meanings but in a different order. Can you work out the correct order and place your answers in Table C

Table A

Methods of Drawing Projection	
1	Orthographic Projection
2	Pictorial Projection
3	Isometric Projection
4	Axonometric Projection
5	Oblique Projection (Cavalier)
6	Oblique Projection (Cabinet)

Table B

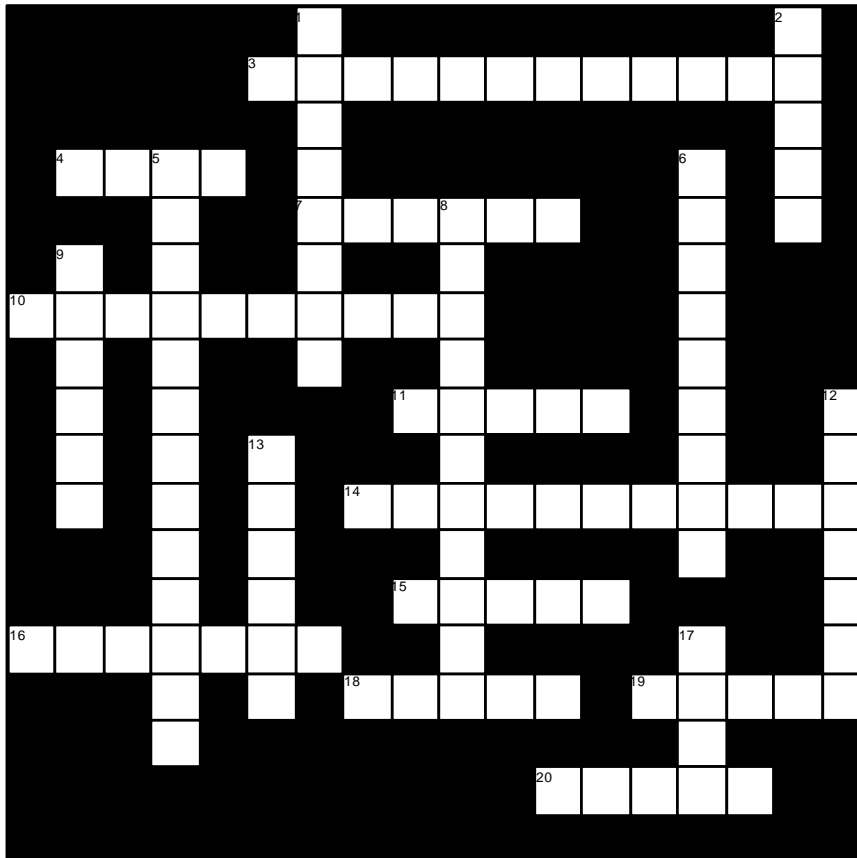
Meanings	
A	In this method of projection, objects are drawn in three dimensional form and are easily recognised in the finished drawing.
B	In this form of pictorial projection, all the vertical lines remain vertical but all the horizontal lines are drawn at angle of 30° to the horizontal.
C	In this method each view of an object is in a separate drawing and drawn in a systematic manner on the same drawing sheet.
D	In this method of projection, all the vertical lines remain vertical but all the horizontal lines are drawn at angle of 45° to the horizontal.
E	In this method of projection, all vertical lines are drawn vertical, and all horizontal lines in the front elevation are drawn horizontal to give a true front view or elevation. All horizontal lines in the side view or elevation are drawn to half their full length at 45° to the horizontal.
F	In this method of projection, all vertical lines are drawn vertical, and all horizontal lines in the front elevation are drawn horizontal to give a true front view or elevation. All horizontal lines in the side view or elevation are drawn full length at 45° to the horizontal

Table C Answers

Methods	=	Meanings
1	=	
2	=	
3	=	
4	=	
5	=	
6	=	

Carpentry and Joinery Level Two Diploma Puzzle Book Extract

This crossword is all about the Component Parts of Roofing but can you solve the clues?



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Across		Down	
3	A rafter that runs from the ridge to the wall plate	1	The distance across the roof and measured to the outer edges of the wall plates.
4	Short rafters that run from the hip rafter to the wall plate.	2	Centre rafter in a hip end that transfers the load to the wall
7	A timber board which is horizontally fixed to the underside of the rafters	5	Timber components which span from wall to wall and to which an internal covering is fixed.
10	Timber component which sits upon the top of the walls of a building	6	The imposed loads associated with the weight of the roofing
11	The angle or slope of the roof	8	A vertical timber which is fixed to the feet of the rafters
14	A framework comprising two common rafters and noggins	9	Line formed at the internal intersection of two sloping surfaces running from the ridge to the eaves.
15	Vertical timber board fixed to the face of the last common rafter at the end of a gable roof	12	Fixed to the common rafters midway between the ridge and the wall plate
16	A type of traditional roof structure	13	A roof where the slope of the roof is returned around one or both ends
18	Highest line of the roof which is formed at the intersection of two sloping surfaces.	17	The direction of the slope of the roof is called this
19	Lower edge of the roof surface that overhangs the walls.		
20	Triangular end of a pitched roof		

Carpentry and Joinery Level Two Diploma Puzzle Book Extract

Pictured below are 12 hand tools connected with Marking Out. Can you identify them and place your answers in Table A?


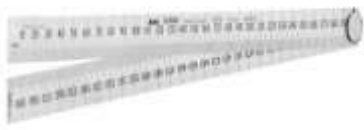










		
1	2	3
		
4	5	6
		
7	8	9
		
10	11	12

Table A - Hand Tool Answers

1	2	3
4	5	6
7	8	9
10	11	12