# Carpentry and Joinery

## Introduction

Welcome to the City of Bristol College the following pack is designed to give you an introduction to the types of work and tasks you can expect from a course in Carpentry or Joinery.

There are 2 different routes that you can take when becoming a carpenter. These are either a **Site Carpenter** or **Joiner**.

# Year 11 Transition Tasks

CITY of BRISTOL COLLEGE

## Site Carpenter

A Site Carpenter would work mainly on building sites, people's homes, public and private commercial properties.

The role involves fitting pre-made carpentry components, doors, windows, stairs, Kitchens, Mouldings, roofing, floors and many other timber-based tasks.

The life of the Site Carpenter is a varied and versatile job which involves travelling to jobs usually in around the city although working further afield is possible.

The job is physically demanding with most timber-based components relatively heavy and sometimes awkward to carry.

You will require the ability to read site documentation, measure, mark out timber products and construct structures so a good grasp of English and Maths is needed.

# Year 11 Transition Tasks

## Joiner

A shop joiner would work mainly in a factory setting making up timber-based products to be sent out for the site carpenter to fit.

The joiner would usually make Windows, Doors, Stairs and quality joinery items. The work is heavily based around using many different wood working machines.

Although you would be based in a workshop setting again extensive travel would be required to measure up and obtain the jobs required.

The job is also physically demanding as lifting, ripping down and preparing large section of timbers will be required.

The ability to read and prepare drawings, site documentation, measuring, marking out and constructing joinery components. A Good grasp of English and Maths will be required.

# Year 11 Transition Tasks

## Task 1

A good Starting point is to research the two types of Carpentry and make a list of the pros' and cons for each.

Use **GOOGLE** and **YOUTUBE** to influence your decision on what route you would prefer.

| Site Carpenter Pros | Site Carpenter Cons |
| --- | --- |
| | |

| Joiner Pros | Joiner Cons |
| --- | --- |
| | |

# Year 11 Transition Tasks

## Task 2

Now you have taken a look at the types of Carpentry jobs available can you identify some of the basic hand tools shown below?

1.

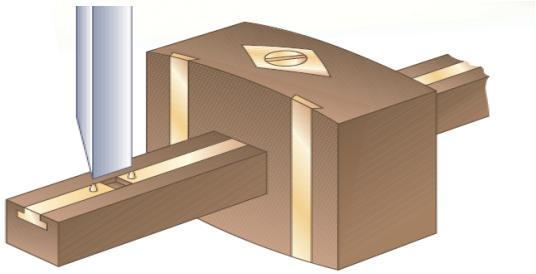
2.

# Year 11 Transition Tasks

## Task 2

Now you have taken a look at the types of Carpentry jobs available, can you identify some of the basic hand tools shown below?

3.



4.

# Year 11 Transition Tasks

## Task 2

Now you have taken a look at the types of Carpentry jobs available, can you identify some of the basic hand tools shown below?

5.

6.

# Year 11 Transition Tasks

## Task 2

Now you have taken a look at the types of Carpentry jobs available can you identify some of the basic hand tools shown below.

- Look up other tools used by a Carpenter and Joiner including different types of Power Tools.

7.

8.

# Year 11 Transition Tasks

## Task 3 – Health, safety and welfare in construction

Look closely at the building site image and identify as many hazards as you can below:

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

# Year 11 Transition Tasks

## Task 4 – Health, safety and welfare in construction

Wordsearch

1. Hazard
2. Accident
3. Precautions
4. Risks
5. Legislation
6. Regulations
7. Safety
8. Responsible
9. Protection

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

# Year 11 Transition Tasks

## Course Overview

**Level 2 Site Carpentry and Bench Joinery** –
(GCSE Grade 3 x 3) Must Include Maths, English and a practical/creative subject.

- Basic hand skills
- Power tools
- 1st Fix
- 2nd Fix
- Roofing
- Maintenance
- Table Saw
- Multiple Choice Online exams in Health and Safety and Principles of Building
- Paper Based Multiple choice exams all other subjects
- 30 hours work experience / 3.5 hours of home or self-study a week
- Tutorial
- Maths and English (depending on grades)
- Progression=Site Carpenter, Carpenter Mate, Carpentry Improver, Apprenticeship, General
- Construction operative GCO

# Year 11 Transition Tasks

## Course Overview

**Carpentry and Joinery Level 1** – (GCSE Grade 2 x 3) which must include Maths, English and a practical or physical subject preferred.

- Basic hand skills
- Use of hand tools
- Use of power tools
- Basic Hand Joints
- Projects
- Hand joint assessments
- Health and Safety
- Tutorial
- 30 hours work experience
- Home study
- Progression = Level 2 Site Carpentry
  or other Lv 2 trades, Apprenticeship or General construction operatives GCO.