



Holy Family Catholic School



October Careers Newsletter

Issue 4: Oct 2021

This Month's newsletters focus is on manufacturing, this coincides with the Bradford Manufacturing Weeks.

Let's look at the manufacturing industry, which is in the grip of a skills shortage and wants young people to think about a career in manufacturing.

Careers in Manufacturing



From jet planes to dinner plates, once something is designed it needs to be built and

often mass-produced to meet the demand from consumers like us. Manufacturing deals with the production of things using machines, tools, chemicals and good old-fashioned handcrafting and transforms them into finished products on a grand scale.

Welcome to the next edition of the Careers Newsletter, which is full of information in relation to careers and incorporates Bradford Manufacturing Weeks.

Do you know these manufacturing and industry facts?

UK manufacturing is now worth £185bn a year, topped only by Germany and Italy among European nations. China remains number one, followed by the US and Japan.

For example:

Julie Deane started the Cambridge Satchel Company in 2008 with just £600 start-up money. The company now has a turnover of more than £1 million a month and manufactures all its satchels in the UK.



How can I start a career in manufacturing and industry?

Maths and science skills are important for lots of jobs in this industry. You don't necessarily need qualifications to get a job as a production worker, but GCSEs in English and maths (4 or above) will help you to get on to an intermediate or advanced apprenticeship, pick up new skills and move up the career ladder to become a production manager or skilled worker. If you have four GCSEs including maths, English and a science subject, you can apply for apprenticeships as a manufacturing lab technician and work towards becoming a technologist. With two or more A-levels, you can apply for advanced apprenticeships in engineering model making, metalwork or motorsport technician.

Apprenticeships in a Nutshell



[Apprenticeships Infographic | Guide To Apprenticeships \(successatschool.org\)](#)

Skills Builder

Every career requires a specific set of skills. There is no exception to the rule.

An example is construction, Construction **right to work software help** employers when it comes to hiring new construction workers, although the construction worker will need different skills to an officer worker, their training is no less important.

What is good is that those skills don't necessarily have to be innate and can always be cultivated over time, nobody expects you to have all the skills at once, it comes with time and experience. So, let's take a closer look at some of the critical skills every construction worker should have.

Solid Education

Trade or technical schools offer the skills needed to succeed in the construction business. Even for people who have been in the construction field for a while, looking for new ways to help to build and expand a career within construction.

What are my skills?

Remember not all skills are learnt all at once, it takes time to learn different skills, this comes with experience, from the minute we are born, we are learning skills all the time, and these skills continue to be learnt throughout our lifetime. The saying "**Rome was not built in a day**" says it all, it takes time.

List of skills?

So, what are the other skills construction workers need?

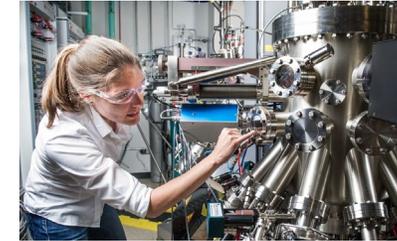
- Strength and Endurance
- Building and Mechanical Knowledge.
- Management Skills
- Maths and Language Literacy.
- Oral Communication
- Technology Skills
- Critical Reasoning Skills
- Willingness to Learn
- Good Organisation Skills
- Ability to delegate
- Understanding Risk.

All skills you will learn if you do a trade within construction. See link below [12 Essential Skills Every Construction Worker Should Have \(ncc.org.uk\)](https://www.ncc.org.uk/resources/essential-skills-every-construction-worker-should-have/)

Explore Roles Within Manufacturing Industry (To coincide with Bradford Manufacturing week, we will have a look at the different roles within Manufacturing).

Types of Manufacturing Jobs

Manufacturing jobs can involve the mechanical, physical, or chemical transformation of materials to create these new products. Manufacturing plants and factories need more than just people who work on a production line. An efficient operation requires employees in numerous roles, including management and quality assurance. Below are links to some manufacturing Industries, have a tour round these organisations, the companies below are linked to Bradford Manufacturing Weeks.



[Specialty Chemical Problem Solvers | Solenis Home - BorgWarner](#)

[Christeyns - Striving for a cleaner future](#)
[Cimlogic - Digital Manufacturing Solutions and Services](#)

PARENTS

Careers talk: Help your child get informed and get involved... Help your child sign up for free Young Professional training from home... Careers advice for parents... "What key employability skills should my child be developing – and how?" Advice for parents "My child wants to do an Apprenticeship and I want them to go to University. (See Link Below) [Information for parents | Pearson UK](#)

Technological revolution

A technological revolution is a period in which one or more technologies is replaced by another, novel technology in a short amount of time. It is an era of accelerated technological progress characterised by new innovations whose rapid application and diffusion typically cause an abrupt change in society.

<https://youtu.be/h4AQ7x9iXN4>

Exploring: Creative Industries

If you're interested in using your creativity in a different industry, you've got plenty of options. Careers in areas ranging from **retail and business to engineering** call for creativity along with other skills such as commercial awareness, teamwork and problem solving. See link below:



[Find your perfect role in the creative industries - Creative Careers \(discovercreative.careers\)](https://discovercreative.careers)

ARE YOU READY FOR A DIGITAL FUTURE?



Most of the jobs on this site didn't exist a few years ago. The others have changed out of all recognition. Here you can find the basic facts about [jobs](#) in the digital world. [skills](#) and [qualifications](#) you'll need to do them. If you're not sure where to start, try our quick [quiz](#). It's not scientific, but it could come up with some career choices you haven't thought of yet.



The civil service is a collective term for a sector of government composed mainly of career civil servants hired on professional merit rather than appointed or elected, whose institutional tenure typically survives transitions of political leadership. A civil servant is a person employed in the public sector by a government department or agency or public sector undertakings. Civil servants work for central government and state governments, and answer to the government, not a political party.

[Home | Civil Service Careers \(civil-service-careers.gov.uk\)](https://civil-service-careers.gov.uk)

Useful Websites

[Overview of the creative arts sector in the UK | Prospects.ac.uk](https://prospect.ac.uk)

<https://www.icanbea.org.uk/app/explore/industries/creative-industries-60/>

[I want a creative career – what are my options? | TARGETcareers](#)

[DWP Digital Careers](#)

[Home - NHS Digital](#)

[Digital - Careers \(bbc.co.uk\)](https://bbc.co.uk/digital-careers)

[Government Digital Service Careers \(gds-careers.gov.uk\)](https://gds-careers.gov.uk)

[Professions | Civil Service Careers \(civil-service-careers.gov.uk\)](https://civil-service-careers.gov.uk)



Awakening minds

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Serving others