# Careers Hub 2030: Y6 Post Event Lesson - Manufacturing and Engineering

This lesson will give the children the opportunity to transfer their knowledge gained pre and post event to their Career Roadmap (Year 6). Children will be able to reference the Skills Ladder (Skills Builder) Named when thinking about what aspects are crucial for their future goals and how to work towards the next step. Children will build on their Skills Action Plan for their future. This lesson should last around 90 minutes.

The aims of this lesson are:

* Children will complete their Career Roadmap to show the skills they have/need for their future career.
* Children will have a greater understanding of the links between their skills and Careers 2030.
* Children will have broadened their horizons and raised aspirations relating to their future careers.
* Children will have knowledge of the Manufacturing and Engineering Sector and the potential careers associated.

## Lesson Introduction

* Summarise what the children know so far about the eight essential skills as a group discussion activity.
* Discuss the different components of what makes the Manufacturing and Engineering Sector.

## Group Task

**Activity 1:**

Children complete the Manufacturing Sector box on their Career Roadmap (Year 6) to evidence the qualifications and skills that were crucial aspects of this Sector. To look at the skills specifically, children can refer to the Skills Ladder (Skills Builder). This should take around 10 minutes.

**Activity 2:**

Children add to their post session column on their Skills Action Plan to summarise their knowledge. This should take around 10 minutes.

**Activity 3:**

Working in either pairs or small groups, ask the children to think to the future and specifically 2030 when they will be entering the world of work. Give them the Laptop Bag Framework and ask them to create a company within this Sector for the future. What will need to be manufactured and engineered? What skills will be needed? What future two essential skills will be added to the current eight? They may wish to focus on the development of technology and how that will alter this Sector. This should take around 30 minutes.

Children are to then present their fictitious company to the class building on their essential skills of presenting, listening, teamwork and creativity.

## Resources Needed

* Skills Ladder (Skills Builder) Named
* Career Roadmap (Year 6)
* Skills Action Plan
* Laptop Bag Framework

## Key Questions

* What do you know about the Manufacturing and Engineering sector?
* What are the most important skills for the Manufacturing and Engineering Sector?
* Did you find anything out that surprised you?
* Do you need to go to University for a career in this Sector?