



Learning Intention

To explore different jobs relating to the Aerospace industry



Resources

- Jobs in Aerospace 'input' video (13 mins) (NB this video is OK to play in advance to review)
- Jobs in Aerospace posters (linked to video)
- Teaching guide PowerPoint (with more job details)
- Printable Jobs in Aerospace worksheet(s) and games including 'My Job in Aerospace' and 'Jobs in Aerospace Bingo'
- Pencils, scissors and counters (as an eco-friendly option for the bingo game)



Keywords

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| • Aerospace | • Space |
| • Jobs | • Travel |



Introduction

Explain to the class this activity is a follow-on from the previously watched main Moon Landing Coding Adventure Show. Today they will be learning about some of the exciting and important jobs in the aerospace industry (including software engineer/computer science).

Ask the children what they know about aerospace:

- Does anyone know what this word means?
- Are they aware of any jobs in this area?

Now watch the 'Jobs in Aerospace' activity video with the children, all about jobs needed for a space mission. Pause along the way, if desired, to answer the questions. One option is to use the teaching guide slides to further discuss the different job roles if required/time permitting.

A range of follow-on activities, including Jobs in Aerospace Bingo, are available and can be selected to suit your available time and the needs of your class.



Plenary

Ask the children to share some of the different jobs in aerospace they can remember? Are there more jobs than they would have expected? Would any of them be interested in working in aerospace themselves? If so, why, or why not?



Learning Outcomes

- To be able to name at least three different aerospace jobs and explain what each does in a space mission.
- To be able to give an example of how different jobs work together to make a space mission possible.
- To be able to pick an aerospace job they would like to understand better and explain why they chose it.



Key Learning Goals*

Pupils should be taught to:

- listen and respond appropriately to adults and their peers
- maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
- use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas

*These learning goals align to the National English Curriculum in England – Spoken Language



Health and Safety

Ensure an open, safe space for children to sit or move around in.



Main Activity

'Jobs in Aerospace Bingo'

This is a traditional bingo game, but with the names of aerospace jobs instead of numbers. Children must listen out for the jobs on their board and either mark them off, or to be more eco-friendly you could use counters and then reuse the boards.

Remind children that if they are given one board each, some may have the same ones, so they must pay attention and call out 'bingo' first to win! A winner can be determined by filling a row of 4, or filling the whole board. The call out sheet can be printed and cut up to pull cards from a pile, or the names can be read from the sheet.

'Jobs in Aerospace' worksheets

There are three different worksheets to choose from, including 'Jobs in Aerospace' worksheet, 'My Job in Aerospace' worksheet and 'Jobs in Aerospace' homework sheet. These sheets encourage pupils to explore different aerospace careers and think about the skills and qualities they could use in these roles.



Assessment Questions

- Which job role specifically involves cleaning skills? Why are these important?
- What is something an aerospace engineer does?
- What did AL the robot compare the space mission to?