

# Lesson insert

## Overview

An activity using [myworldofwork.co.uk](http://myworldofwork.co.uk) to link the study Physics and the topic of astronomy to possible careers.

## Objectives

As part of a wider lesson, this lesson insert intends to:

- Encourage pupils to explore a range of careers related to the study of astronomy
- Highlight the transferable skills needed for different careers
- Make a link between the transferable skills pupils are currently developing in Physics with skills needed in the world of work

## My World of Work activity (20mins)

- Pupils can work individually or in small groups
- Go to [myworldofwork.co.uk](http://myworldofwork.co.uk)
- Go to [my career options](#)
- Click on the tab 'I have a career in mind'
- Use the search field to find jobs that relate to astronomy
- Ask pupils to choose one of the jobs and complete the job research sheet

## Connect the learning (in the wider lesson)

- Discuss how the study of our universe could lead to a career in astronomy
- Discuss which skills are they currently developing in science that relate to the particular roles they have looked at

## Review and reflect (5mins)

- Ask pupils to think about the jobs they have researched
- Ask if astronomy is a career they might consider in the future
- Ask what aspects of this job appealed to them and which were off-putting

## Science

## Physics

## Astronomy

## Resources

- Computers or tablets with internet access
- Job research sheet

## My World of Work links

### Job profiles

[Astronomer](#)

[Physicist](#)

### Videos

[Solar physicist – Jack](#)

## Curriculum links

Suitable for S1 to S3 pupils studying:

Physics - BGE

### Experiences and outcomes

SCN 3-06a: By using my knowledge of our solar system and the basic needs of living things, I can produce a reasoned argument on the likelihood of life existing elsewhere in the universe.

SCN 4-06a: By researching developments used to observe or explore space, I can illustrate how our knowledge of the universe has evolved over time.

## Career Education Standard (3-18)

Supports entitlements set out in the [Career Education Standard](#) for young people to:

- Experience a curriculum through which they learn about the world of work and job possibilities and which makes clear the **strengths** and **skills** needed to take advantage of these opportunities
- Know where to find information and access support making effective use of online sources such as [My World of Work](#)
- Develop [Career Management Skills](#) as an integral part of their curriculum



# Job research

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**Careers linked to:  
Science**

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Choose a job card

Log in to the computer and go to [myworldofwork.co.uk](http://myworldofwork.co.uk)

Go to [my career options](#) to find out about the job on your card and answer the following:

What is the job title?	
What are the main duties of this job?	
What are the skills required?	
Where have you used these skills in science classes?	
What else have you learned in your school subject that might be useful in this job?	
Would you consider a career in astronomy?	