



My
World of
Work

Lesson insert

Overview

An activity using myworldofwork.co.uk to link the study of Biology and the topic of inheritance to possible careers.

Objectives

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

- Encourage pupils to research careers related to the topic of inheritance
- Make a link between lessons on DNA profiling to the activities carried out by the job of Geneticist or Forensic scientist

My World of Work activity (10mins)

- Arrange pupils into groups of three
- Open the job profile for Geneticist or Forensic scientist and show the related video (see my world of work links)
- Ask the groups to note key points about the jobs
- Ask the groups to present back one key point each

Connect the learning (in the wider lesson)

- Discuss: What other aspects of science is involved in this job?
- Optional: Have a careers wall for posting information about jobs related to the school subject - ask the pupils to populate it with information they have noted in this activity

Review and reflect (5mins)

- Ask students to reflect on the jobs covered and if they may be interested in following one of these careers
- Homework: Ask the class to use this lesson as part of their overall research on careers related to their school subject

Science

Biology

Inheritance

Resources

- Computers or tablets with internet access

My World of Work links

Job profiles

[Geneticist](#)

[Forensic scientist](#)

Videos

[Helen - Molecular geneticist \(4mins\)](#)

[Ron - Forensic science consultant \(4mins\)](#)

Curriculum links

Suitable for S1 or S2 pupils studying:

Biology - BGE

Experiences and outcomes

SCN3-14b: I have extracted DNA and understand its function. I can express an informed view of the risks and benefits of DNA profiling.

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
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