

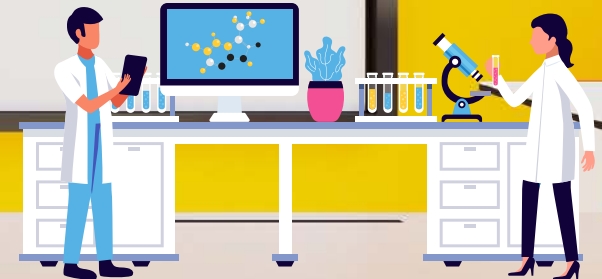


My
World of
Work
LIVE!



Super Samples

Healthcare Science



Classroom Clash: Super Samples

Introduction

Welcome to Classroom Clash! This suite of nine games has been designed to inspire pupils to think about possible future careers.

Each game is linked to an industry important to Scotland's economic growth and where there are lots of opportunities for interesting and successful careers. By playing Classroom Clash, your pupils will be introduced to meta-skills and will start to recognise how these skills can be used in lots of different jobs.

Industries explored within Classroom Clash include:

- **Early Learning and Childcare**
- **Health and Social Care**
- **Construction**
- **Digital Technology**
- **Finance**
- **Manufacturing**
- **Life and Chemical Sciences**

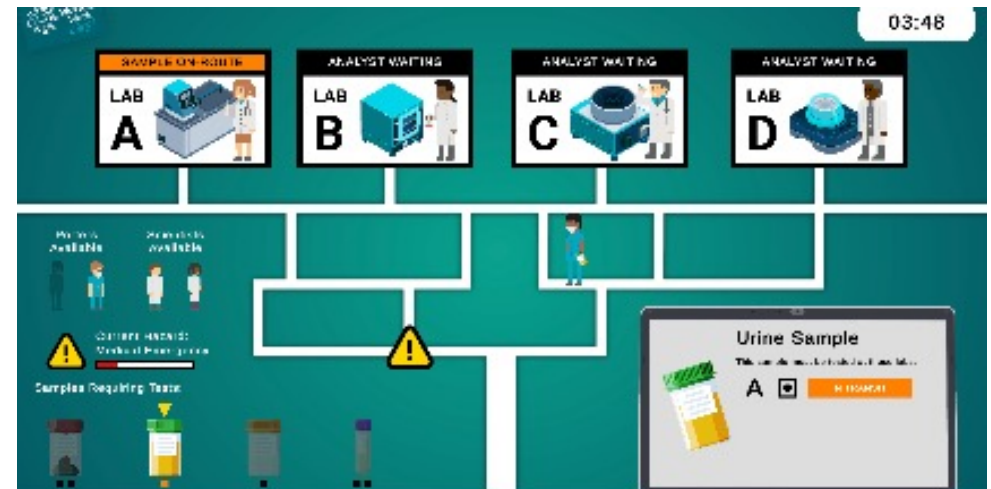


Classroom Clash: Super Samples

Learning objectives

Using the Super Samples game and [My World of Work](#), you will explore careers in the healthcare and life sciences industries and discover what skills are required to work in these important sectors. You will learn what roles are available within these industries, how patient sampling is carried out and who is involved in the process.

Transport patient medical samples to hospital laboratories for testing, and then make sure they are signed off by healthcare scientists. Watch out for hallway hazards and samples needing retests.



Success in this lesson will look like:

- I can identify the different meta-skills needed to work within the healthcare industry
- I can give examples of careers related to healthcare and life sciences
- I understand the process involved in patient sampling from initial collection to final result
- I understand what healthcare career opportunities there are in Scotland

Classroom Clash: Super Samples

Curriculum links

Sciences: SCN 2-12a; SCN 3-12b; SCN 3-13c;
SCN 4-16a

Literacy: LIT 2-04a; LIT 2-07a; LIT 3-07a



Meta-skills

Self-management: [Focusing](#)

Innovation: [Sense making](#); [Critical thinking](#)

How did your school do?

- Once the game is finished, input your score to the leaderboard
- Check how well your school has scored compared to others across the nation
- Play again to try and beat your high score!

 **Well done!** 
Your final score is
8000

Enter your details to submit your score to the leaderboard

Please note by entering your details, your information will display on the leaderboard and be visible to everyone who selects your school. If you do not want your name displayed, please choose an alias to use instead.

[Privacy notice](#)

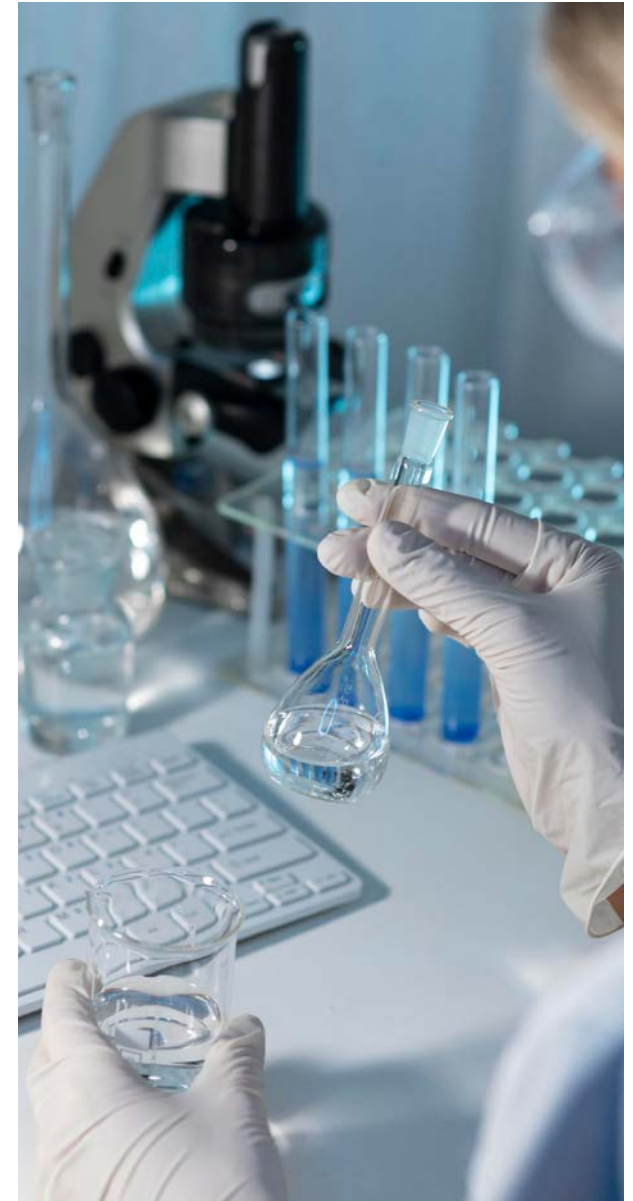
Classroom Clash: Super Samples

Follow on learning – 10 min activity

- Using the **Explore careers** profiles on **My World of Work**, find three careers related to the healthcare industry and give a brief description of each and where they might work
- From the careers you found on **My World of Work**, list some of the skills you need to work in the healthcare sector
- What subjects do you think would be most useful for working in the healthcare industry?

Additional classroom activities

- **Sampling scenarios:** set up stations where pupils perform their own medical tests e.g blood pressure monitoring, oxygen sampling, throat swabs – teams can compare results, looking at speed and accuracy and the importance of proper technique
- **Debate invasive vs. non-invasive sampling:** ask pupils to debate on benefits/drawback and any ethical thoughts on invasive and non-invasive sampling methods. Get them to research and defend their arguments
- **DNA extraction from strawberries**
- **Mimic urinalysis with pH testing of glucose**



Classroom Clash: Super Samples

Related careers

- Laboratory technician
- Hospital porter
- Phlebotomist
- Hospital doctor
- Pharmacist
- Pathologist
- Medical secretary
- Biomedical scientist
- Healthcare assistant

Useful healthcare links

- NHS Scotland Careers
- Life Sciences in Scotland
- Industrial Biotechnology Innovation Centre
- Royal Society of Biology
- Scottish Life Sciences Association
- Scottish Universities Life Sciences Alliance
- Institute of Biomedical Science
- The Academy of Healthcare Science




Sectoral Skills Assessments

- Health Care
- Life and Chemical Sciences



Find your route...

When it comes to your career, there are so many possibilities

- Use [My World of Work](#) to find out about different options
- Research different colleges or universities for any courses that interest you:
 - [Colleges in Scotland – list of members](#)
 - [Universities Scotland – list of members](#)
- Look at [Apprenticeships.scot](#) to learn about the pathways that are available. You can start an apprenticeship whilst still at school and you work towards gaining a qualification while on the job. There are 3 options available:
 - **Foundation Apprenticeship** 
 - **Modern Apprenticeship** 
 - **Graduate Apprenticeship** 



Next Steps

Interested in learning more about this sector?

- Make an appointment to speak to your school careers adviser
- Check out the related [Healthcare](#) and [Life Sciences](#) industry pages on [My World of Work](#)
- Do some research on related careers by checking out the Explore careers pages on [My World of Work](#)
- Listen to industry experts explain their roles within the sector by watching the [Virtual Meet the Expert](#) videos
- Find out about routes into work and careers by checking out [Apprenticeships.scot](#)

