An OER to develop Digital Literacy Skills

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The Higher Education Academy

AURASMA — Augmented Reality Poster

UNIVERSITY of ULSTER

AIMS

- To develop a re-usable open educational resource (OER) which will support students in preparing for careers in the health or life science sectors
- Embed tasks within the OER that prompt evaluation and development of personal digital literacy.
- Develop the OER in partnership with students

OER PLATFORM

Xerte — open source elearning

Xerte provides a toolkit for:

- the production of interactive eLearning materials
- simple wizards used to compile content, create quizzes, provide links, etc
- repository for sharing, reusing, and adapting content

STUDENTS AS PARTNERS

Professional Practice Module:

- Identifying & evidencing DL skills
- Evaluating & developing Digital Identity
- Developing job application & interview skills

Extra Curricular Activity → **Xerte — open source elearning**

XERTE PAGES

Digital Identity
Reviewing your Digital Identity 9/9

Summary
This module provided information on social network sites and how to develop a professional identity. You should have:
- Completed the 'Google Me' Exercise and reflected on your Digital Identity
- Reviewed the Information on developing a LinkedIn Profile

Next Steps
- 1. Start to build your Linked In Profile: remember to keep it private whilst in development
- 2. Consider how you use other social network sites for sharing information publically and privately
- 3. Explore the Vistor & Resident Module to prompt reflection on how you use internt resources for learning.

Students analyse the key words in job advertisements and create interactive pages that help users identify and articulate the required evidence.

Most Prevalent
- Communication Skills
- Motivated /passionate
- Organised
- Qualified degree → higher
- Track Record → highest
- Flexible
- innovative
- Commitment

Employability
Interpreting job advertisements

A study of more than 500,000 job advertisements by the search company Adzuna for The Guardian newspaper revealed the 10 most commonly used words in job advertisements. 7 of these words are listed below, drag the definition to the appropriate column. You can check your answers and move the boxes.

Communication Skills	Motivated	Organised	Track record	Flexible	Innovative	Commitment
Give presentations	Can work independently	Can cope with a heavy work load	Experience in this sector or similar	Willing to take on new roles and tasks	Problem solving	See future in that career/ro le/sector
Network with colleagues and clients	Demonstrate initiative			Ability to recognise own level of competence	Coping with new challenges	Work long hours
	A self-starter					Take on less enjoyable tasks when required

Check Answers

Career paths for life & health science graduates

- Laboratory or hospital based careers use the skills and knowledge developed in the degree
- Options that use science knowledge but require further professional development (e.g. teaching, scientific journalism, regulatory affairs)
- Options that use the transferrable skills developed through their degree programme and apply them to a different sector (e.g. finance, IT etc.).
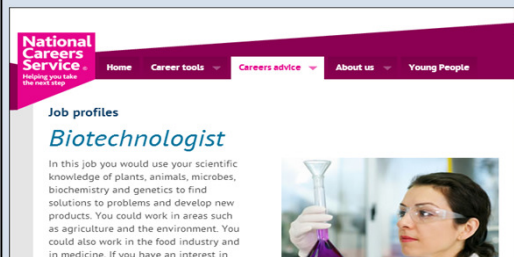
Learning Object Title
Finding information and making choices

The National Careers Service provides information on over 750 jobs. This information can help you make an informed choice about your career options.

The following page shows an example profile for a Biotechnologist.

What type of information can you get from this profile?

Learning Object Title
Job profile for a Biotechnologist

National Careers Service . Helping you take the next step

Home | Career tools | Careers advice | About us | Young People

Job profiles

Biotechnologist

In this job you would use your scientific knowledge of plants, animals, microbes, biochemistry and genetics to find solutions to problems and develop new products. You could work in areas such as agriculture and the environment. You could also work in the food industry and in medicine. If you have an interest in

Learning Object Title
Digital Literacy Skills required for Biotechnology 8

For each of the skills listed in the job profile, think about what an on-line search could reveal about your competence or skills in that area.
The following page lists some of the common skills employers are looking for. Match them to the on-line evidence that could be used to evaluate them.

	Appropriate levels of privacy are used on your facebook or other social media accounts.
An interest in science, particularly biology and chemistry	
A high level of accuracy and attention to detail	
Good computer skills	
Good written communication skills	Articulate and informed comments on relevant blogs or nespaper/journal articles.

STUDENT VIEWS

"I got involved in this project is because as a recent graduate I understand the confusion and frustration of deciding what to do next and how to get there. I felt my experience could help direct project."

David Skerrett-Byrne, MSc Biotech

"I felt it was an important subject of study to aid students in their career progression. Furthermore, the project has helped to develop my own Communication and teamwork skills which will benefit me in my future career"

Shane Kilduff, MSc Biotechnology

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