

Career resources

Science

Activity collection – years 11–12

Introduction

These resources are suitable for students in years 11–12

They are aligned to the Australian Curriculum and relate to the Australian Curriculum learning area of Science.

This selection will provide you, as an Australian educator, with tools to help build your own and your students' career development awareness.

If you are an Australian teacher or preservice teacher you can access these resources via Scootle, the national digital learning resources portal that contains more than 20,000 digital teaching and learning resources.

Log in to Scootle

Using your school or teacher training institution email account, [log in to Scootle](#).

Not registered? Accessing resources on Scootle

These resources can only be accessed by teachers working in Australian schools (using their school email accounts), and by preservice teachers in Australian education institutions (using their institution email accounts). [Register now](#).

Not sure if you are eligible? View [Frequently asked questions](#).

Ian Frazer describes medical research work

Resource ID	R9381					
Link to resource	http://resolver.thelearningfederation.edu.au/?rft_id=10257/5827463					
Resource description	This is an edited sound recording of Australian medical scientist Ian Frazer outlining some of the joys and frustrations of a career as a medical researcher. One advantage, he says, is that researchers know that many people may benefit from the work they themselves are enjoying, but he warns against a career as a research scientist for anyone who cannot handle routine minor disappointments. Frazer also warns that researchers need to constantly monitor the work of others in the same field. The recording was made in February 2008.					
Relevance of resource to careers education	This is a frank and insightful recording by a leader within the industry. It presents students with realities that may differ from their perceptions of medical research. Ian Frazer discusses the dispositions needed for those working in this area of endeavour. That is why, although recorded some time ago, the content in this resource is still highly relevant.					
Australian Curriculum Work Studies category/ies	Career development and management	<input type="checkbox"/>	Entrepreneurial behaviours	<input type="checkbox"/>	Gaining and keeping work	<input type="checkbox"/>
	Learning to learn	<input type="checkbox"/>	The nature of work	<input checked="" type="checkbox"/>	Work skills	<input checked="" type="checkbox"/>

Dr Chris Smith - virology

Resource ID	M021179					
Link to resource	http://resolver.thelearningfederation.edu.au/?rft_id=10257/5869684					
Resource description	A YouTube playlist of seventeen videos that cover an interview between Dr Chris Smith and some Stage 6 high school students. The interview covers a range of topics including the working life of a teaching scientist, virology, vaccinations and pandemics. The level of scientific detail is at an HSC level but these resources could also be used to study the immune system in Stage 5 Science.					
Relevance of resource to careers education	This resource is valuable in highlighting the role of a working scientist.					
Australian Curriculum Work Studies category/ies	Career development and management	<input checked="" type="checkbox"/>	Entrepreneurial behaviours	<input type="checkbox"/>	Gaining and keeping work	<input type="checkbox"/>
	Learning to learn	<input type="checkbox"/>	The nature of work	<input checked="" type="checkbox"/>	Work skills	<input checked="" type="checkbox"/>