



## MOC Project Overview

# Could, Should, Would?

Year 9

Science, English



### Essential Question

Should South Australia adopt nuclear power?

### Project Overview

Did you know in 2015 a royal commission was held investigating South Australia's role in Nuclear energy? The commission considered effects on the economy, environment, safety, renewable energy, impact upon aboriginal communities, the state's tourism, wine and food sectors; and technical issues. This project requires you to learn the science behind nuclear energy and investigate other perspectives in English just like a journalist would. Then it's time for you to make an informed decision, get on your soap box and have your say.

### Learning Objectives

- Understand what is radiation and nuclear power and how it works
- Learn about the pros and cons of nuclear energy
- Understand different perspectives within a debate or issue
- Develop skills in writing an informative speech
- Learn about language features used in a informative and persuasive speech.
- Learn to speak in front of an audience and have a informed opinion

### Requirements (What you'll do!)

- In Science learn the key scientific aspects behind radiation and nuclear power
- In Science participate in class critiques about "should SA adopt nuclear power"
- In Science and English research to gain further insight into different opinions
- In Science and English choose for or against Nuclear Power and a specific perspective (Environment, Finance, and Community).
- In English write an informative speech which will be critiqued by teacher
- Record your speech and present all back up work to your teachers
- Stand on a soap box at exhibition of learning and read your speech.

## Final Product

- Written and recorded speech
- Soap box speech at Exhibition of Learning night in Week 10 or filmed presentation

## Grading

See assessment feedback page

## Timeline

	Projects Tasks and Due Dates
Week 3	<b>English:</b> Introduction to aspects of speech  <b>Science:</b> Learn the key scientific aspects behind radiation and nuclear power.
Week 4	<b>English:</b> continue on who to write a speech <b>English:</b> Class research on Nuclear energy <b>Science:</b> Discuss and synthesise various view points contributing to the "Should SA adopt nuclear power?" (Environmentally, Financially and Community based).
Week 5	<b>English:</b> Compile research into a 2-3 minute speech. <b>Science:</b> Critique Speech
Week 6	<b>English:</b> Critique Speech <b>Science:</b> Finalise critique Speech if need.
Week 7	<b>English:</b> Make changes to draft, final due at end of the week <b>English:</b> Record speech
Week 8	Organise and practice performance for exhibition of learning
Week 9	Performance of speech at Exhibition of Learning

## Challenge / Extension Options

- Exhibition of learning, you will present your speech throughout the night
- Write a alternative speech from the opposing perspective

# The 'Should, Would, Could?' Project: Assessment Feedback

Name: \_\_\_\_\_

## Science (ACSSU177)

Describing and modelling the structure of atoms in terms of the nucleus, protons, neutrons and electrons

Comparing the mass and charge of protons, neutrons and electrons

Describing in simple terms how alpha and beta particles and gamma radiation are released from unstable atoms

## English

Investigate how evaluation can be expressed directly and indirectly using devices, for example allusion, evocative vocabulary and metaphor (ACELA1552)

Understand how spelling is used creatively in texts for particular effects, for example characterisation and humour and to represent accents and styles of speech (ACELA1562)

Understand how punctuation is used along with layout and font variations in constructing texts for different audiences and purposes (ACELA1556)