



Name:

Date:

Science of the Snowy Scheme Competition

Supporting research tool

Overview

This document is designed to guide the student through the topic area of renewable energy, map their ideas, develop research skills and produce a presentation.

Mini engineer for the day



Task - Submit a short 1-3 minute video with your pitch to our CEO, for the next renewable energy project that Snowy Hydro should build and describe how it works

**LET'S EXPLORE:**

Renewable energy

Instructions - Write or draw your answers in the table to help you find out more

What is renewable energy?

What types of renewable energy interest you the most and why?

Who and what benefits from using renewable energy?

Instructions - Plan (write or draw) your idea for the next project that Snowy Hydro should build using this mind map

Be as creative as you like and test your imagination!

What is your idea?	What are the benefits?
How does it work?	Other thoughts

Renewable energy project

Instructions - Record the location of your sources in the table below to help you develop and frame your idea

Note: this section is developed for Stage 3 students

Name of source	Type of source - link, book, article, Youtube, interview	What renewable energy idea is presented in this source?	How will this resource help you develop your idea?
EXAMPLE: Snowy Hydro - Next Generation Education Hub	Link - Snowy 2.0 module	Pumped hydro-power generation	Can other renewables help pumped-hydro? What if the vibration of the trees could generate energy? How do we capture and store this?



CHECKLIST:

Planning your video presentation



Download and print the storyboard planner resource - [click here](#)



Technology - ensure your phone, or other device for filming is charged and ready to go



Person to do filming - get a member of your family to film your presentation



Location for filming - outside or inside your house, garden, which room, check lighting, quiet space



Props - if you would like to use any props such as posters and/or drawings, costumes/dress-ups, or objects to help explain your idea, make sure you have these ready before filming

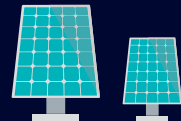


Practice your presentation and double check the time you take to present - remember three minutes maximum



Once completed, follow the instructions to upload your entry - [click here](#)

Hint - refer to your mind map above



Hint - remember to use some persuasive language

Sketch any last minute thoughts below