



ASSESSMENT TASK NOTIFICATION

Course: **Year 10 Science**

Task Number: 1

Task Type: Depth Study

Task Weighting: 30%

Due Date: Thursday 9/3/23 P2 – 10SCIG, 10SCIB, 10SCII

Friday 10/3/23 P2 – 10SCIR, 10SCIO, 10SCIY

Outcomes Assessed: **Skills – Working Scientifically**

Syllabus Outcomes:

- appreciates the importance of science in their lives and the role of scientific inquiry in increasing understanding of the world around them (SC5-1VA)
- A student develops questions or hypothesises to be investigated scientifically. (SC5-4WS)
- A student produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively. (SC5-5WS)
- A student processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions. (SC5-7WS)
- A student presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations. (SC5-9WS)

Purpose:

Living in today's world, there is a never before seen in history, amount of information available via sources such as textbooks, scientific journals, newspapers, the internet and social media.

The difficulty as readers and researchers is identifying the fact from the fallacy (a misleading, deceptive or false argument).

The purpose of this depth study is to develop your skills in identifying **reliable** secondary sources of information.

Collecting and reviewing information from secondary sources is an important component of scientific investigation. By doing so you can source the different perspectives and critically analyse the similarities and differences in information they provide.

TASK: (this is an INDIVIDUAL, in class task)

- Select a topic that you have an interest in
- Develop an **inquiry question** for that topic that can be investigated by a **secondary sourced investigation** (research)
(there must be a scientific principle involved in some aspect of your investigation)
- Using your Working Scientifically skills, research the selected topic to provide conclusion(s) for your inquiry question. This research is to be presented as a written report.
- You are to select a range of secondary sources (minimum of 6) of which half must be from **reliable sources**.
This means you will need to research
 - a) what makes a secondary source reliable
 - b) examples of reliable and unreliable secondary sources
- The secondary sources that you have selected and extracted information from must be cited in a reference list (bibliography) *(see format provided)*
- At the end of each lesson you are to complete your working logbook *(a journal where you register your working)*

ASSESSMENT OF TASK:

- On the day of the assessment task you are to bring a **printed copy** of
 - Inquiry Question + research as a written report
 - reliability research
 - a loose copy of your bibliography
 - working logbook

which you are to use to complete a **30 minute written task** that will assess your skills in:

- questioning and predicting (developing and proposing an inquiry question)
- planning investigations (wide variety and number of secondary sources used)
- processing data and information (organising and analysing information)
- analysing data and information (evaluate the relevance, accuracy and **reliability** of secondary sourced information)

Marking Criteria

As noted on the written assessment task.

Please refer to "New South Wales Record Of School Achievement (Rosa) Assessment Policy Year 10 2023" which can be found at:

- Kingscliff High School website: https://kingscliff-h.schools.nsw.gov.au/content/dam/doe/sws/schools/k/kingscliff-h/download-box/Year_10_2023_Assessment_Policy1.pdf