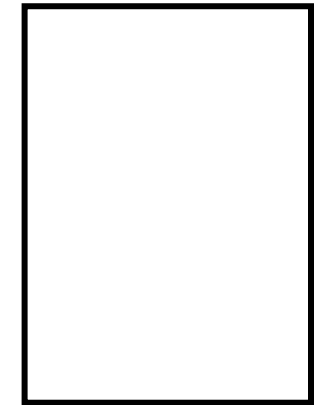
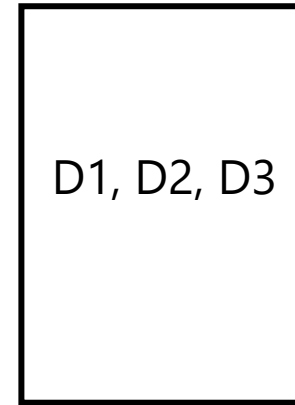
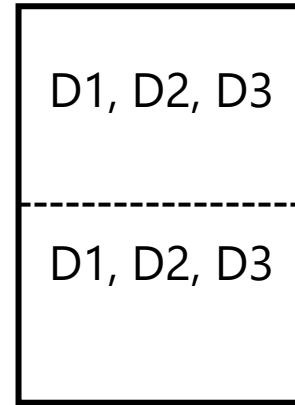
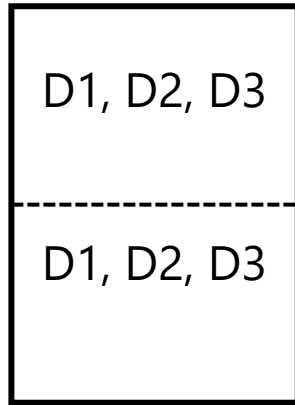
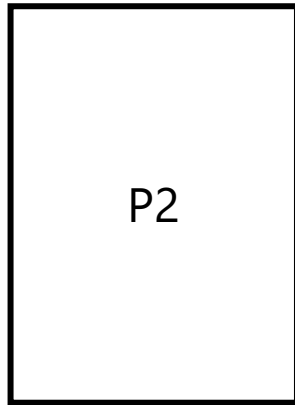
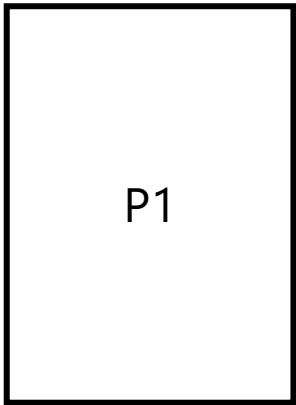


P2: Planning Research Processes





Bibliography – D1

Summary of
skills/knowledge
developed – D3

	Planning	Development
A	<p>P1 Thorough consideration and refinement of a research question.</p> <p>P2 Thorough planning of research processes that are highly appropriate to the research question.</p>	<p>D1 Thorough and highly resourceful development of the research.</p> <p>D2 In-depth analysis of information and exploration of ideas to develop the research.</p> <p>D3 Highly effective development of knowledge and skills specific to the research question.</p>

Planning

A

- P1 Thorough consideration and refinement of a research question.
- P2 Thorough planning of research processes that are highly appropriate to the research question.

P2 – Planning research processes

What research will you need to do to answer your research question?

Research process	Why appropriate
Survey	<i>To draw conclusions about my first question, I need to determine the opinion of Nursing home residents in Australia. The most time efficient way to do this is to conduct a survey of a random sample of nursing home residents.</i>
Method/management	Ethics and/or Safety
<i>Use a short survey, as many residents will need help to answer. They are more likely to participate fully with a short survey. Questions for the survey are given below. Contact nursing homes near my school and home with the cover letter explaining the process and the purpose of my research - also below.</i>	<i>Participation in the survey is voluntary and no incentive or coercion will be used to encourage participation. Participants may withdraw from participation at any time without explanation. Participants give informed consent for their participation by reading the cover letter explaining the research and its purpose and then by participating in the survey. Responses are anonymous, no names or details will be associated with the responses.</i>

Be specific to your topic and question

Do not tell me general information about primary and secondary sources. I already know about that.

Tell me what type of sources will help answer **your** question.

Tell me why those particular sources will be useful for **your** particular question.

Justify using them over other sources/processes.

e.g

I plan to conduct an interview with an experienced dog trainer. I could conduct my own training experiment, but because training can take a long period of time I would not have results soon enough to include in my outcome. By interviewing Dave the dog trainer I will benefit from his many years of experience that I just cannot achieve in one semester of year 12 research. These insights will be invaluable in guiding the final part of my research process and creating a credible and reliable research outcome.

Gantt chart

This is an extremely simple example, which is on Haiku.

You will probably add more rows with specific objective for each week.

Note:

The Gantt chart is named after Henry Gantt. So, it needs a capital letter and is not an acronym

- ✘ gantt chart
- ✘ GANTT chart
- ✘ G.A.N.T.T chart








- Sources are not processes!
- A research process is an **action** you take.

Online Research (Text)

- Blogs
- Websites
- News sites
- Journal Articles

Research processes

-  Developing keywords to search
-  Searching different sites
-  Reading, highlighting and annotating the source
-  Recording key findings in a way that is easy to use in your outcome
-  Analysing the source for reliability, credibility, limitations etc.

A word on PDFs

DO NOT say that you found a PDF
PDF is a file type.

Say what the text type is

Journal article




Report

Statistics

Audio-Visual Sources

- YouTube
- Television/streaming
- Documentaries
- Podcasts
- Recorded interviews

Research processes

-  Searching different sites
-  Watching and writing down key findings in a way that is easy to use in your outcome
-  Analysing the source for reliability, credibility, limitations etc.

Interviews

- Contact experts or people with experience in your topic.
- Face to face/phone interviews work best as you can have a conversation.
- Email is popular as it is easier for you, but often you won't get a response.
- Better once you have a good grip on your topic, if they sense you know what you're talking about and are asking good questions they're more likely to give a good response.

Other Practical Research Processes

- **Focus group**

Get a small group of people together (the more diverse the better) and ask them questions about your topic.

- **Experiment**

Design and conduct an experiment to test a hypothesis relating to your question.

- **Observations**

Watch and record notes on something relating to your question. Different times of day, longer periods of time etc. will make results stronger.

Archival Research

- Going to the state library or other places to look at old documents/newspapers/government records.
- Old newspapers can be accessed at trove.nla.gov.au

To do list

Finalise research question refinement for now (Note: you can come back to this later as you learn more about your topic)

Optional: Preliminary research to help understand topic

Pick which processes you will do (at least 3 in year 11) and write up your explanation of each process

Create a plan for when you will do things (Gantt chart is on haiku)