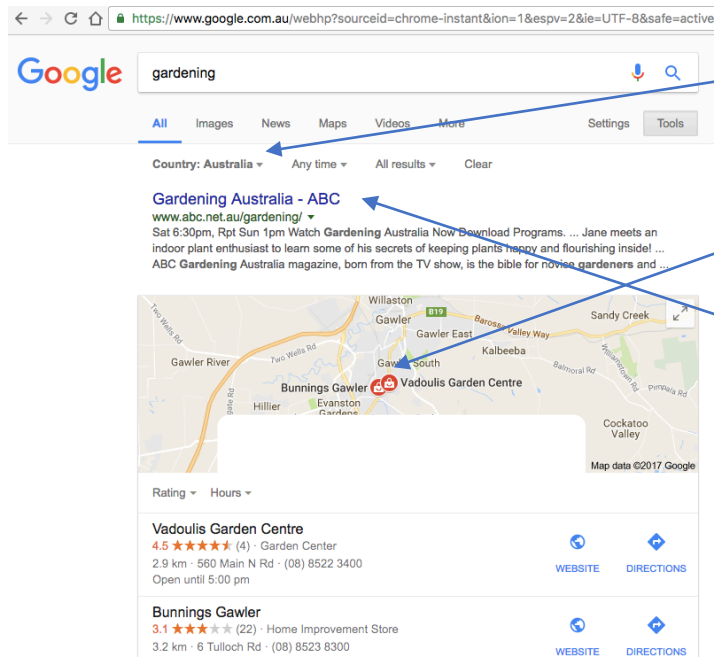


Research Process 1: Literature Review (Secondary Sources)

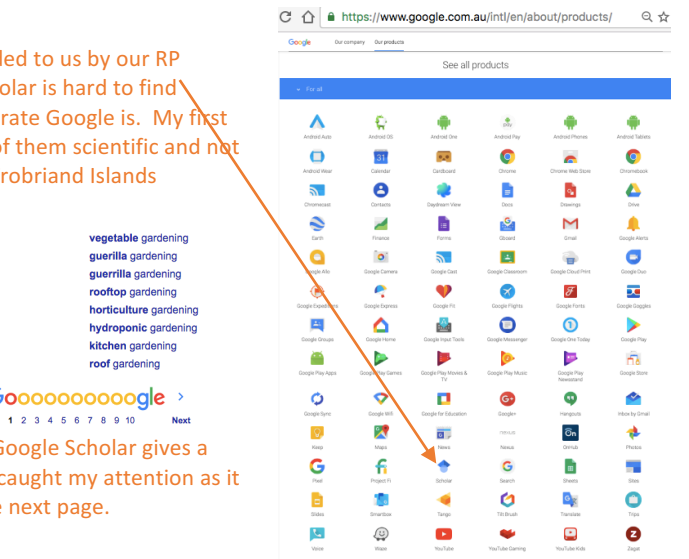
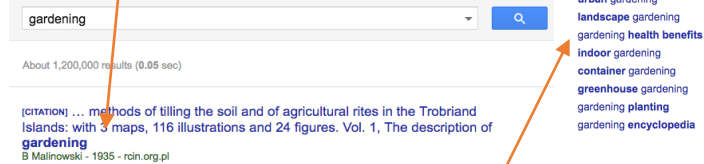
Preparation



Just by entering the key word “gardening” into Google, I found several relevant sources. I am using google.com.au so I can use the Tool that allows me to focus on Australian search results. It was interesting that the second group of results to pop up were all directions to gardening centres. This shows how Google results are skewed towards advertisers, who can pay to have their company appear in the first page of search results. Google has also worked out my location, as the stores shown are near my house; this shows how Google uses the data from the Google apps data on your mobile phone.

The first result to appear is Gardening Australia. This could be because they pay to be at the top or because it is the most popular gardening site in Australia. I am already aware of this show on ABC TV but I have decided that I will start watching it on iView every week to keep up with the latest gardening information. I wasn't aware that there is also a Gardening Australia magazine (result number 5), so I will find out if our school library or the Stretton Centre has a subscription. I will examine their website for my literature review. Further down the page are two government sites that I will investigate: the Australian Museum of Gardening at Carrick Hill (result 2 after the advertising) and Sustainable Gardening Australia (result 4 after the Gardening Australia Facebook page, which I am now following).

Next I used Google Scholar to conduct another search. It was recommended to us by our RP teacher because it limits your search to “scholarly literature”. Google Scholar is hard to find amongst all the Google apps, which show how much of a global conglomerate Google is. My first search term was ‘gardening’ but this resulted in 1.2 million results, most of them scientific and not relevant to my research question, like the first result, which is about the Trobriand Islands published in 1935!



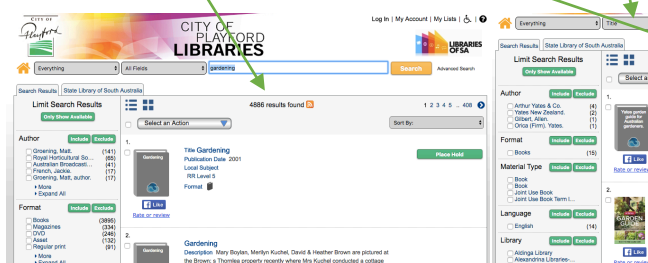
However, when you keep scrolling down to the bottom of the first page, Google Scholar gives a variety of suggested search terms. The term “gardening health benefits” caught my attention as it relates to my third sub-question. I will analyse one of those results on the next page.

- Related searches
- urban gardening
 - landscape gardening
 - gardening health benefits
 - indoor gardening
 - container gardening
 - greenhouse gardening
 - gardening planting
 - gardening encyclopedia
 - vegetable gardening
 - guerilla gardening
 - rooftop gardening
 - horticultural gardening
 - hydroponic gardening
 - kitchen gardening
 - roof gardening

Finally, I decided that I want to access a book on my topic so I'm not only relying on online sources. Our school library only had primary school books about gardening but fortunately we have a branch of the Playford Library Service near our school. My mum is a member of their “One Card” system, which allows me to order items from public libraries across SA. When I used “gardening” to search the catalogue, there were 4886 results, too many to browse through. I spoke to the librarian who told me it might be quicker to look at the shelf for Call Number 635 where libraries usually put gardening books.

There I found a copy of *Yates Garden Guide* which said on the cover “Australia’s best-selling practical gardening book”, but it was a really old copy and I want to access the latest gardening information (e.g. how climate change might affect gardens). I can't afford to buy a copy myself at its RRP is \$40.

The librarian showed me how to search for this book by its title and then sort the results by the date the book was published (“Publication date (descending)”), so that the most recent version comes up first. Apart from the first result, which looks like a database glitch, the latest version the libraries hold is 2015. Some of the nearest copies (e.g. Evanston library) were borrowed out but I placed a hold using my mum's library card for the nearest available copy, which will probably be delivered from Murray Bridge or Mount Gambier in 1-2 weeks.



Available:16	No. of Copies	Library	Material Type	Shelf Location	Shelf Number	Item Barcode	Costs	Status
1	1	Aldinga Library	Book	Adult Non-Fiction	635.9 VAT	0506436543		Due 18/04/17
1	1	Alexandrina Libraries-Goolwa	Book	Home and Garden Non-Fiction	635.9 VAT	0548351708		Home and Garden Non-Fiction
1	1	Alexandrina Libraries-Walpole	Book	Home and Garden Non-Fiction	635.9 VAT	0551746210		Home and Garden Non-Fiction
1	1	Blackwood Library	Book	Adult Non-Fiction	635.9 VAT	0510079408		Due 18/04/17
1	1	Bordertown Library	Book	Gardening	635.9 VAT	0555256716		Gardening
1	1	Burnside Library	Book	Adult Non-Fiction	635.9 VAT	0505984406		Due 5/04/17
1	1	Campbelltown Public Library	Book	Adult Non-Fiction	635.9 VAT	0505353154		Due 2/04/17
1	1	Ceduna School Community Library	Book	Adult Non-Fiction	635.9 VAT	0506533014		Adult Non-Fiction
1	1	Clare Library	Book	Adult Non-Fiction	635.9 VAT	0549810601		Due 12/04/17

Yates Garden Guide, 44th edition, Harper Collins, Sydney, 2015.

Currency: The 2015 guide is the most recent version I was able to access via the public library network. The first version was published in 1895. The foreword states that 'the *Garden Guide's* ability to adapt to changes in Australians' culture and lifestyle has been the secret of its success'. It draws our attention to updated sections on water-saving gardening, organic gardening and permaculture, containing gardening for courtyard homes, and labour-saving tips for time-poor gardeners.

Relevance: This guide is directly relevant in that it focusses on gardening in Australia, whereas a lot of the sites I first saw on the internet related to gardening in the US and UK. However, it contains information for all states so I will also try to find a similar guide that is just for SA. The Climatic Zones Map on page 480 labels all of SA as 'temperate' but I know there is a big difference between my grandma's garden at Port Augusta and my other grandma's garden in the Adelaide Hills.

Authority: The Yates website¹ calls its Garden Guide Australia's gardening 'bible'. This is backed up by having sold 7 million copies and having 44 editions published. It was hard to find online reviews of the 2015 version but the Nursery and Garden Industry Australia website² states 'Yates is ... a leader in providing gardening information'.

Accuracy: As mentioned before, this guide provides information for the whole of Australia. It states that 'leading nurseries can give you helpful advice on the best species and varieties to grow in your garden' (p. 307) and recommends that you speak to your local nursery for the most accurate local information.

Purpose: One concern I have about this book is that Yates 'is a division of Orica Australia Pty Ltd' (frontispiece). It is biased because it encourages gardeners to buy Orica products for particular problems, such as Yates Thrive Granular Fertilisers in Chapter 4 and Bayer Confidor in Chapter 6.

Australian Broadcasting Corporation, *Gardening Australia*, <<http://www.abc.net.au/gardening/>>, accessed 5 March 2017.

Currency: *Gardening Australia* is a current TV show on the ABC, so the information it presents is up to date. You can download recent episodes or watch them on iView. You can also access an archive of transcripts of episodes and factsheets, going back to 2002.

Relevance: This guide is directly relevant in that it focusses on gardening in Australia, like the *Yates Garden Guide*. However, they feature stories from across Australia, so you can search the site using the search term 'South Australia' to narrow down the information.

Authority: The website says *Gardening Australia* is 'presented by Australia's leading horticultural experts'³. One of the presenters, Sophie Thomson, is from South Australia and her biography shows her expertise.⁴ I will try to focus on her stories.

Accuracy: *Gardening Australia* has expert researchers and presenters but they also encourage viewers to contact them if they believe they have got something wrong and will provide an update if that is the case.

Purpose: The ABC is a reliable source as it is our nation's public broadcaster and they are governed by rules about presenting balanced content (e.g. they can't promote particular gardening companies). However, they also encourage us to buy *Gardening Australia* magazine, which may contain advertising (I need to check).

¹ <http://www.yates.com.au/products/books-tools-and-propagation/books/yates-garden-guide-2015/#D8hCwMsZjkdjldM.97>, accessed 4 March 2017.

² http://www.ngia.com.au/Story?Action=View&Story_id=1102, accessed 4 March 2017.

Malcolm Campbell, *Gardening with Greenfingers*, <<http://www.greenfingers.com.au/>>, accessed 7 March 2017.

Currency: The website has a copyright notice for 2017; however the most recent articles on the homepage include a broken link to an opinion article on Adelaidenow and the 2016 Rose Trials.

Relevance: My TAFE lecturer recommended Malcolm Campbell's name to me because he did an apprenticeship with him a long time ago. Campbell is based in South Australia but I found there was not a lot of relevant information on his website except an annotated list of links to garden specialists that did not come up in my Google searches (e.g. Friends of the Botanic Gardens).⁵

Authority: There are lots of gardening blogs but Malcolm Campbell is one of the most trustworthy bloggers because he appears as an expert on the ABC Adelaide radio show every weekend and in Messenger local newspapers, along with Jon Lamb who also has his own website.⁶ Campbell's qualifications are a Bachelor of Arts and Advanced Certificate in Horticulture, and he is a Member of the Australian Institute of Horticulture and International Plant Propagators Society.

Accuracy: Campbell's website appear to be a bit amateur in presentation although his credentials are impressive. There isn't any access to his articles for the Messenger or podcasts of his talkback sessions on ABC Radio, so I will try to access these another way.

Purpose: Campbell's website seems to be focussed on his business. Customers can order gardening materials from his online store or hire him as an expert to work on their garden.

Carrick Hill, *Australian Museum of Gardening*, <<http://www.carrickhill.sa.gov.au/house-gardens/australian-museum-of-gardening/>>, accessed 7 March 2017.

Currency: This website had a disappointing lack of information and appeared to be outdated because it says 'the first exhibition will be held ... from August 2015 to January 2016'. I will still call them to check whether the museum actually exists. Carrick Hill is a long way from my house but I am luck to find that this national museum might be based in Adelaide and I may be able to visit there during my school holidays.

Erin Louise Sanchez and Pranee Liamputtong, 'Community gardening and health-related benefits for a rural Victorian town', *Leisure Studies*, vol. 36, no. 2, 2017, <<http://www.tandfonline.com/doi/abs/10.1080/02614367.2016.1250805>>, accessed 6 March 2017.

Note: I can only access the abstract because the article is behind a pay-wall

Currency: The article was published this year, based on a study that took 12 months.

Relevance: It is one of the only Australian articles I could find on Google Scholar about the benefits of gardening. Although it is focussed on South Gippsland in Victoria, there may be some aspects that apply to living in northern Adelaide.

Authority: It has been published in a peer-reviewed journal, which means that other experts have checked the validity of the research. Sanchez is a Masters student from La Trobe University and Professor Liamputtong is from Western Sydney University.

Accuracy: There were only 10 participants in the study and the authors say the results are only 'indicative'.

Purpose: It is focussed on the health benefits and says it is helping to address a 'paucity of research available regarding rural community gardens'.

³ <http://www.abc.net.au/gardening/about/>, accessed 5 March 2017.

⁴ <http://www.abc.net.au/gardening/stories/s1413488.htm>, accessed 5 March 2017.

⁵ <http://www.greenfingers.com.au/links.html>, accessed 6 March 2017.

⁶ <http://www.gardenandoutdoorliving.com/>, accessed 5 March 2017.