# Search and we will find

**Description:** Students learn about the power of advanced search options to help narrow results when looking for resources.





Image source: mcmurryjulie/ Pixabay



#### You will need:

- Computer connected to the internet
- Topic of interest
- Paper and pencil (or document on the computer)



Image source: <u>StartupStockPhotos/ Pixabay</u>



#### About the activity:

Children will have the opportunity to search for different resources for a topic of interest, learning to use the advanced search features to help filter their results.

Some of the resources they will have the chance to search include:

- Search engines
- Images
- Library catalogues



Image source: <u>200degrees/ Pixabay</u>



# Advanced search, what's that?

- An advanced search provides the user with an opportunity to apply a set of filters to narrow down results.
   By applying different filters to your query, you will often eliminate irrelevant information.
- Advanced search filters are available in many of the resources we use everyday for example, web search engines (Google, Yahoo), catalogues (library) and shopping (clothes, supermarket).

boogle			ш 🤹
Advanced Search			
Find pages with			To do this in the search box.
all these words:			Type the important words: tri-colour rat terrier
this exact word or phrase:			Put exact words in quotes: "rat terrier"
any of these words:			Type OR between all the words you want: miniature OR standard
none of these words:			Put a minus sign just before words that you don't want: -rodent, -"Jack Russell"
numbers ranging from:	to		Put two full stops between the numbers and add a unit of measurement 1035 kg, E300E500, 20102011
Then narrow your result by	S		
language:	any language	•	Find pages in the language that you select.
region:	any region	*	Find pages published in a particular region.
last update:	anytime	*	Find pages updated within the time that you specify.
site or domain:			Search one site (like wikipedia.org ) or limit your results to a domai like .edu, .org or .gov
terms appearing:	anywhere In the page	v	Search for terms in the whole page, page title or web address, or links the page you're looking for.
SafeSearch:	Show most relevant results	•	Tell SafeSearch whether to filter sexually explicit content.
file type:	any format	v	Find pages in the format that you prefer.
usage rights:	not filtered by licence	•	Find pages that you are free to use yourself.
		Advanced Search	
		Advanced Search	

Image source: https://www.google.com.au/advanced\_search



### Let's get started...

### 1

- Make a choice about a topic you would like to find out some more information about.
- List some key words or questions that could help with your search.

**Good tip:** It is a good idea to select something your child is interested in, e.g. football, space, castles or something they may be learning about at school.



Image source: <u>TeroVesalainen/ Pixabay</u>



# 2

 Begin by accessing a search engine of your choice. For this example, Google has been selected. Find the advanced search button and click to access.

> **Good tip:** If you cannot find an advance search button, try entering 'advanced search' in the search engine and the option should come up.

boogle	advanced search	<b>U</b> Q	
	Q All	Settings Tools	
	About 2,590,000,000 results (0.37 seconds)		
(	Google Advanced Search		
(	Google Advanced Search		
(	Google Advanced Search https://www.google.com.au / advanced_search ▼ Find pages you are free to use yourself. You can also Find pages that are simil	ar to a URL ·	
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(	Google Advanced Search  https://www.google.com.at / advanced_search ▼ Find pages you are free to use yourself. You can also Find pages that are simil Search pages you've visited · Use operators in the search box.  People also search for google advanced search operators advanced search twitter bing advanced search google search engine	ar to a URL · ×	

Image source:



#### 3

- Discuss the features of the advanced search with your child. Using your list of key words, start to enter some information and click on the advanced search button to see what you can find.
- You can also discuss some of the punctuation required to help narrow the search, for example using quotation marks to find the exact words.

**Good tip:** If you would like to learn about different ways to refine your searches, you might like to look at the list via this link: <u>https://bit.ly/1kktu5l</u>

Juogle		ш 🦚
Advanced Search		
Find pages with		To do this in the search hox.
all these words:		Type the important words: tri=colour rat terrier
this event word as phrase		
this exact word or philase.		Fut exact words in quotes. Fat terrier
any of these words:		Type OR between all the words you want: miniature OR standard
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last update:	anytime	Find pages updated within the time that you specify.
site or domain:		Search one site (like wikipedia.org ) or limit your results to a dom like .edu, .org or .gov
terms appearing:	anywhere In the page -	Search for terms in the whole page, page title or web address, or links the page you're looking for.
SafeSearch:	Show most relevant results	Tell SafeSearch whether to filter sexually explicit content.
file type:	any format	Find pages in the format that you prefer.
		Find pages that you are free to use yourself.
usage rights:	not filtered by licence	

Image source: https://www.google.com.au/advanced\_search



# 4

- In addition to finding information about your topic, you may be interested in finding some images.
- If you click the image filter button when using the search engine, and then the tools button, you can narrow your search further by type, size, colour etc.

**Good tip:** This may be a good opportunity to talk about copyright and images. You can show your children the usage rights filter which narrows your search to show images that are not constrained by copyright.



Image source: <u>https://bit.ly/2osx9dP</u>



### 5

- Next, you might like to try accessing your local library catalogue to see what resources they have on your topic of interest.
- As you select the advance filter, discuss the terminology, such as keywords and 'exact match' with your child.
- You might like to narrow down the search to access resources in a particular collection or location too.

A Catalogue home	Where you are: Home / Find Information ~ Library Catalogue ~ Advanced Search				library/pages/library-catalogue-system-upgrad
Collections	Liberry Catalanua				
eBooks and eAudio	Library Catalogue				Plans and publications
eMagazines and eComics	Quick Title	Author Subject	Advanced Search	Help	
Kesearch databases	Title \$	1	Keywords \$	AND \$	
What to read next	Author \$		Keywords \$	AND \$	
New materials	Anywhere +		Keywords +	AND ±	
Premiers Reading	Dowou Class				
Local history	Dewey Class +		AND		
Using the library	Year:		e.g. 2007, > 2000, 1990-20	105	
Ubersourbeite	Language:	All Languages Abkhaz			SHARE 🔂
Library website		Achinese			
Contact us	Location:	All Locations City Library			
Policies and services		City after hours returns			
Book a computer	Collection:	All Collections			
Can't find it?		*eBook			Jue The second sec
Ask us		*eMagazine			
Suggest a purchase		-Art and Culture -Biography			
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	Home	Help   Contact Us			
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Image source: <u>https://bit.ly/2IUBFAj</u>



#### Congratulations...

#### 6

- You have now located a range of resources that can help with your investigation.
- You now have the opportunity to read or view the resources you have found to learn more about your chosen subject.
- You might like to write a report or make a short video about your findings.

**Good tip:** Just remember, if you do not find what you want the first time, try another search term or filtering technique.



Image source: Free-Photos/ Pixabay



#### Why we are learning about this ...

One of the aims of the Digital Technologies curriculum is to develop learners who can confidently use digital systems to efficiently and effectively automate the transformation of data into information and to creatively communicate ideas in a range of settings. (Source: <a href="https://www.australiancurriculum.edu.au/f-10-curriculum/technologies/digital-technologies/aims/">https://www.australiancurriculum.edu.au/f-10-curriculum/technologies/digital-technologies/aims/</a>)

Data is all around us in our everyday life and can be represented in a range of ways such as symbols (weather icons), visually (pictures or maps), or text. One of the challenges in our data driven world is to find accurate information that meets our need. By learning how to use digital technology during the data collection stage to help filter our results, the information field will be narrowed and irrelevant information should be excluded.

To find out more ... <u>http://www.digitaltechnologieshub.edu.au/teachers/australian-</u> <u>curriculum/sequencing-the-curriculum</u>

