

## SENIOR SECONDARY RESOURCE GUIDE

### RESOURCES IN THE SCIENCES

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#### DIGITAL RESOURCES

Joondalup Libraries subscribe to three databases (collections of articles from sources such as journals, newspapers or conference proceedings) and an online encyclopaedia in the sciences.

The resources are:

##### **ProQuest Research Library (database)**

An international database, with information across all fields of knowledge. Ideal for secondary students. Limited Australian-specific content in the humanities, but some relevant content on well-known Australian writers.

##### **ProQuest Central – Literature collection (database)**

One of a range of ProQuest subject-specific databases. A great place to look if ProQuest Research Library has little relevant material, and easily accessed from the Research Library.

##### **Informit (database)**

An Australian database, largely in the social sciences and humanities, however it includes content relevant to psychology, Earth and Environmental Science and Marine and Maritime Studies, as well as material relevant to ecology and biodiversity.

##### **Britannica Library (encyclopaedia)**

Journal articles can also be found on Britannica Library online.

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#### ACCESSING DIGITAL RESOURCES

You will need a library membership and an account password to access each of these resources. If you are not a library member you can [join online](#).

All digital resources are accessed through the [Library Catalogue](#). From the Catalogue:

1. Select [All online resources](#)
2. Sign in to your library account, and then select Home
3. Browse until you find the resource you need, or use the Subject Category to refine the list of resources.

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#### SEARCH TECHNIQUES

Searching the digital resources is easy. All databases default to a simple search – enter terms that are of interest and see what is found. For example, enter the name of a process, the name of a theory or the name of a substance.

If you find too many or too few articles you will need to narrow or broaden your search.

Narrowing your search will usually require you to add something to your search, for example an additional search term, or use a method of further filtering your results. Ways of narrowing your search include:

- Filter your results by date, for example you may wish to restrict your results to the last 10 years.
- Add an extra search facet, for example adding "mitosis" to a search on heredity, or "diagram" to a search on a physical process.
- Remove article types that aren't of interest, for example removing "books reviews" so your search focuses on works about the topic rather than reviews of books on your topic.

Ways of broadening your search include:

- Use synonyms or different forms of language – often the easiest way of doing this is to use the Advanced search feature, list synonyms in a search box and set it to search for 'any' of the listed terms.
- Substitute a more general term for a narrow one. For example, search for "neurotransmitter" rather than for "serotonin".
- Remove one of the facets of your search, for example removing "field theory" from a search on "electric field" may result in a set of articles that speak more generally about electric fields.

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## WEBSITE LINKS

Access to a variety of content-rich, free Internet resources is available through the City of Joondalup website. Pages of links to selected resources in a variety of subject areas can be accessed [here](#).

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## PRINT RESOURCES

### ATAR REVISION AND EXAM PREPARATION GUIDES

The Joondalup Reference Library holds copies of:

#### Biology

- Study Guide (Academic Associates)
- Exam Questions (Creelman)

#### Chemistry

- Study Guide (Academic Associates)
- Exam Questions (Creelman)
- Revision Guide (Academic Taskforce)

#### Human Biology

- Study Guide (Academic Associates)
- Exam Questions (Creelman)
- Revision Guide (Academic Taskforce)

### Physics

- Study Guide (Academic Associates)
- Exam Questions (Creelman)
- Revision Guide (Academic Taskforce)

### Psychology

- Study Guide (Academic Associates)
- Exam Questions (Creelman)

These are all relevant to the current ATAR curriculum and are available for use in the Reference Library.

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## BOOKS

The Joondalup Reference Library holds works in all subjects of the science curriculum and new works are added in most ATAR science subjects each year.

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## REFERENCE SERVICES FOR STUDENTS

All of Joondalup Libraries' branches have study spaces for students, and scanning, printing and copying services. Joondalup Library's Reference section also has two study rooms available.

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## CONTACT US

For further information about the contents of this leaflet, research presentations for senior school students, or assistance using the online resources or library catalogue please contact the Reference Library on 9400 4740.