

Science Resources

For any further help please email adillon@blackrockcollege.com

Newspapers/ Magazines

These can be a good source of secondary information, always check sources of facts. International, national and local.

In Print and available in the Library

Daily Newspapers: *The Irish Times*, *The Guardian*, *Irish Independent*

Focus Magazine (Science & Technology)

BBC Wildlife Magazine

National Geographic

International

<http://www.onlinenewspapers.com/>

<https://libraries.dlrco.ie/online-library/read-newspapers-online> - you need to be a member of Dun Laoghaire library to access

National

Irish Newspaper Archive: (www.irishnewsarchive.com)

Irish Times Archive (www.irishtimes.com)

Local

National Library of Ireland Newspaper Database

<http://www.nli.ie/en/catalogues-and-databases-printed-newspapers.aspx>



Websites/Search Engines

General

- **Google Scholar:** <https://scholar.google.com/> Scholarly articles
- **Scoilnet** <http://www.scoilnet.ie> Run by the Department of Education and browsable by topic

Science

- <http://www.exploratorium.edu/explore> A public learning laboratory exploring the world through science art and human perception
- **Science Spin Magazine** <http://sciencspin.com>

Biology

- Dublin Zoo [https://www.dublinozoo.ie/animals/plants /](https://www.dublinozoo.ie/animals/plants/)
- Biodiversity
<http://noticenature.ie>
<http://www.biology.ie>
- **National Botanic Gardens** <http://botanicgardens.ie/#>
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- **Smithsonian Institution:** <https://www.si.edu/>
- National Geographic <https://www.nationalgeographic.org/education/>
- Safefood Ireland: <https://safefood.eu/Home.aspx>
- European Food Safety authority <http://www.efsa.europa.eu/>
- Bord Bia Food Pyramid
<https://www.bordbia.ie/lifestyle/information/nutrition/the-food-pyramid-and-dietary-information-links/>

Disease websites: <http://www.cancer.ie>
<http://www.diabetes.ie/>
<https://www.croi.ie/Heart-Health>
<http://www.aids.org/>
<http://www.who.int/influenza/en/>
<http://www.parkinson.org/>

Physics

- **CIT Blackrock Caste Observatory**
<https://www.sciencespace.ie/forstudents/secondary-students/>
- **Nasa** https://www.nasa.gov/audience/forstudents/k-4/finditfast/K-8_Alpha_Index.html
<https://www.nasa.gov/audience/forstudents/9-12/A-Z/index.html>
- European Space Agency
https://www.esa.int/Science_Exploration/Human_and_Robotic_Exploration/International_Space_Station
- Cern <https://home.cern/>
- National Science Foundation <https://www.nsf.gov/>
- Nobel Prize in Physics <https://www.nobelprize.org/prizes/physics/>
- Library of Congress Internet Resources
<https://www.loc.gov/rr/scitech/selected-internet/physics.html>
- Institute of Physics <https://www.iop.org/careers-physics/your-future-with-physics>
- Ted Talks <https://www.ted.com/topics/physics>
- **YouTube channels**
<https://www.youtube.com/user/physicswoman>
<https://www.youtube.com/user/minutephysics>
<https://www.youtube.com/user/scishow>
<https://www.khanacademy.org/science/physics/>

Chemistry

- **Resource society of Chemists** <https://edu.rsc.org/resources/secondary>:
Resources for secondary schools
- **Toxicology Data Network** <http://toxnet.nlm.nih.gov/> Databases on toxicology, hazardous chemicals, environmental health, and toxic releases
- **Chemspider** <http://www.chemspider.com/> a free chemical structure database providing fast text and structure search access to over 32 million structures from hundreds of data sources.



Podcasts/ TV Programmes

<https://dublin.sciencegallery.com/podcast#>

- **BBC Science Programmes**

<https://www.bbc.co.uk/programmes/genres/factual/scienceandnature/scienceandtechnology>

Datasets

An excellent source of primary research especially if you are looking for statistics

Ireland

- **Data.gov.ie** <https://data.gov.ie> Open data portal for Irish Public sector data. Covers various areas such as Science and Technology, Economy and Finance and the environment.
- **Central Statistics Office (CSO):** <http://www.cso.ie> Databases including StatBank; Census of Population, Agriculture and several other public sector areas.
Includes statistical databases from International Organizations such as Eurostat, ECB, OECD, UNECE, UNSC, & IMF.
- **The National Biodiversity Data Centre** <http://www.biodiversityireland.ie/>: National centre for the collection, collation, management, analysis and dissemination of data on Ireland's biological diversity.

European

- **Eurostat:** <http://ec.europa.eu/eurostat>
The Statistical Office of the European Union. Provides high-quality statistical information on the EU Member states. Data is charged for but some key indicator snapshots are free to view.
- **UK Data Archive (UKDA):** <http://www.data-archive.ac.uk/>
Contains the largest collection of digital data in the Social Sciences and Humanities in the U.K

International

- **UNESCO Institute for Statistics** <http://uis.unesco.org/> Profiles and global datasets on the subjects of education, literacy, culture and communication, and science and technology
- **World Health Organisaon** <https://www.who.int/>

Repositories:

Repositories are the intellectual output of an institution, this can include white papers, journal articles and Master's & PhD Theses.

- **Rian** <http://rian.ie/> (Irish Research publications – from Institutional Repositories)
- **DART Europe** <http://www.dart-europe.eu> (European E-theses portal)
- Each individual University in Ireland has their own individual repositories.