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Biology Depth Studies

Posted by Anonymous on Mon, 2019-05-20 16:50

Biology Depth Studies: Can you suggest ideas for (NSW) Depth Studies in biology?

Voting:



No votes yet

Year Level:

Senior Secondary

Laboratory Technicians:

Laboratory Technicians

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Depth Studies

Submitted by sat on 20 May 2019

Answer updated 16/01/2023

Information regarding the requirements for Depth Studies can be found on the NSW Education Standards Authority website: <https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-lear...>

Information specific to biology can be found here: <https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/stage-6-lear...>

Suggested Activities

There are several different organisations that provide opportunities and programs to engage with schools to help them meet their curriculum requirements. These include commercial companies, government departments and other educational institutions and organisations.

Some suggestions for investigations/activities are:

‘Biology depth study ideas’, Latitude Group Travel website, <https://latitudegrouptravel.com.au/special-programs/depth-studies-fieldw...> (Accessed Jan 2023) Includes information on fieldwork.

‘Depth Study- Genetic Technologies, DNA & Disease’, Garvan Institute of Medical Research website, <https://www.garvan.org.au/research/kinghorn-centre-for-clinical-genomics...> (Accessed Jan 2023) Includes information and a link to a Depth Study Teachers Guide.

‘Engage with us - Genetics Depth Study’, Macquarie University – Science for Schools website, <https://www.mq.edu.au/faculty-of-science-and-engineering/departments-and-schools/school-of-natural-sciences/engage-with-us/science-for-schools> (Accessed Jan 2023) Includes information for how to book an on-campus depth study day.

‘Kickstart Science’, The University of Sydney Faculty of Science website, <https://sydney.edu.au/science/industry-and-community/community-engagemen...> (Accessed Jan 2023) Information on workshops and regional tours for Year 11 and 12 students for physics, chemistry and biology.

‘Practical Biology’, Nuffield Foundation website, <https://practicalbiology.org> (Accessed Jan 2023) Includes a collection of experiments that demonstrate biological concepts and processes.

‘Programs & resources – High school’, Sydney Water website, <https://www.sydneywater.com.au/education/programs-resources/high-school.html> (Accessed Jan 2023). Includes a range of excursions, programs and resources for the NSW syllabus.

‘Science and Plants for Schools – Secondary’, Science and Plants for Schools website, <https://www.saps.org.uk/secondary> (Accessed Jan 2023) Includes a range of resources regarding plant science.

Southern Biological. n.d. Working with Enzymes, Southern Biological website, <https://www.southernbiological.com/enzymes-overview/> (Accessed Jan 2023) Requires free registration to download.

‘UNSW Science Resources for Secondary Teachers’, UNSW Science website, <https://www.openlearning.com/unswscience> (Accessed Jan 2023) Includes links to a number of Depth Studies.

‘Year 11 Depth Study: Wildlife at Risk’, Taronga Conservation Society Australia website, <https://taronga.org.au/education/full-day-programs/wildlife-at-risk> (Accessed Jan 2023) Information about the ‘Wildlife at risk’ Depth Study program.

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