Free expert led webinars for NCEA science subjects 

These online sessions were originally used in 2022 but a recording of each session is still accessible through YouTube.

A massive thank you to the teachers who have given up their time, and are willing to share their expertise, to make this possible. Special thanks to [StudyIt](https://studyit.govt.nz/) for funding this initiative.

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| Subject | Paper & exam date | Link | Additional resources | Presenter | |
| L2 Biology | Cell Processes Thurs 24 Nov | <https://youtu.be/fZ6E144QSWg> |  | Amy Rowe  WGC | |
| Genetic Variation & Change Thurs 24 Nov | <https://youtu.be/v6FYkPc9g9Y> |  |
| Gene Expression Thurs 24 Nov | <https://youtu.be/fSmM1rUv7PI> |  |
| L2 Chemistry | Structure & Bonding Thurs 17th Nov | <https://youtu.be/q87TmWsX804> |  | Sujata Rajagopal  Taita | |
| Organic Compounds Thurs 17th Nov | <https://youtu.be/_C9ux70LQ7E> |  |
| Chemical Reactivity Thurs 17th Nov | <https://youtu.be/8q-xkgcj1jQ> |  |
| L2 Physics | Mechanics Mon 7th Nov | <https://youtu.be/Og54BESDzEs> | [YouTube](https://www.youtube.com/channel/UCHZCuNmJD5Hk21ZugyWnHWg/playlists?view=50&sort=dd&shelf_id=2)  [Folder](https://drive.google.com/drive/u/1/folders/1lkZgCwtwkMhZLkHfmGRfFlBEJavrhxEE) | Andrew Sargent  Te Kura | |
| Electricity Mon 7th Nov | <https://youtu.be/8ntiI43EKtQ> |
| Waves Mon 7th Nov | <https://youtu.be/IX0922gWYio> |
| L2 ESS | Geology & Stars Tues 22nd Nov | <https://youtu.be/e0WSQCVZsJE> | [ESS Resources](https://drive.google.com/drive/folders/1CRTHs0HRVDDp5XZOISvbM0pTXxIBQluB?usp=sharing) | Jenny Pollock | |
| L2 AgHort | Physical Factors | <https://youtu.be/r-6S3kZruRY> |  | Kerry Allen  St Pauls | |
| Livestock Growth and Development | <https://youtu.be/5-UGV83qpMs> |  |
| Land Use | <https://youtu.be/i44wwU7822o> |  |
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| L3 Biology | Plants & Animals Wed 16th Nov | <https://youtu.be/JtNIudF53oM> |  | Emma Campbell | |
| Speciation Wed 16th Nov | <https://youtu.be/hBb4joeRdZ8> |  |
| Human Evolution Wed 16th Nov | <https://youtu.be/wlVZgG7-M5A> |  |
| L3 Chemistry | Thermochemistry Fri 18th Nov | <https://youtu.be/HFyJY2BEoho> |  | Delene Holm | |
| Organic Compounds Fri 18th Nov | <https://youtu.be/XncOfcCto2s> |  |
| Aqueous Systems Fri 18th Nov | <https://youtu.be/qVdCxAB_Ooc> |  |
| L3 Physics | Mechanics Thurs 24th Nov | <https://youtu.be/hk7qiKAk0WQ> | [YouTube](https://www.youtube.com/channel/UCHZCuNmJD5Hk21ZugyWnHWg/playlists?view=50&sort=dd&shelf_id=3)  [Folder](https://drive.google.com/drive/u/1/folders/1ubfw1pLCy_DPq7FDwYumd0ziuuE9cgQk) | Andrew Sargent  Te Kura | |
| Electricity Thurs 24th Nov | <https://youtu.be/n2wwR-4NM0Y> |
| Waves Thurs 24th Nov | <https://youtu.be/YkG6rO1Mkfw> |
| L3 ESS | Oceans Thurs 1st Dec | <https://youtu.be/6quvKTdulw8> | [ESS Resources](https://drive.google.com/drive/folders/1CRTHs0HRVDDp5XZOISvbM0pTXxIBQluB?usp=sharing) | Keith Hartle | |
|  | Atmosphere | <https://youtu.be/fE1EMzkq21g> |  |
| L3 AgHort | Primary Production Environ-mental Issue Mon 14th Nov | <https://youtu.be/DdFliSwttDY> |  | Lauren Roberts  Lincoln Uni | |
| Market forces & Primary Products Mon 14th Nov | <https://youtu.be/ev7fIoxfqno> |  | Ross Redpath | |
| Production Process | <https://youtu.be/Cg42qapD6Sk> |  |
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| Scholarship Biology | Biology Wed 9th Nov | [What examiners are looking for](https://drive.google.com/file/d/1bgTW6Ub17WoRDbhdoxEFsphDKi4uYAH2/view?usp=sharing) | Download these files to improve playback | Alison Campbell | |
| [Critical Thinking](https://drive.google.com/file/d/1j_yg_23WuA7eOyLQEY4rCexnhmbGaglw/view?usp=sharing) |
| [2022 Question 1](https://drive.google.com/file/d/1a0ES-RNZBU6HsD7oiuaWaodpLn8ysrGV/view?usp=sharing) |
| [2022 Question 2](https://drive.google.com/file/d/1EnsO4avtaxlqDKw82PrHnPUPLYE_hwJe/view?usp=sharing) |
| Scholarship Chemistry | Chemistry Mon 21st Nov | <https://youtu.be/P9PAM_EabUg> |  | Suzanne Boniface | |
| <https://youtu.be/sGfwf_znvRk> |  |
| Scholarship Physics | Physics Thurs 17th Nov | <https://youtu.be/eEqBaWjwyZw> |  | David Housden | |
| Scholarship ESS | ESS  Fri 2nd Dec | <https://youtu.be/NMfWL0ClEQw> | [ESS Resources](https://drive.google.com/drive/folders/1CRTHs0HRVDDp5XZOISvbM0pTXxIBQluB?usp=sharing) | Jenny Pollock | |
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| Scholarship | AgHort Mon 7th Nov | <https://youtu.be/a80urS2fjho> |  | Jared Fritchley | |

Here is a link to the NZQA [Exam timetable](https://www2.nzqa.govt.nz/assets/NCEA/2024-Timetable-FINAL-4-3-24.pdf)

Other useful links:

[No Brain Too Small](https://www.nobraintoosmall.co.nz/)

[NZQA Science Subject Resources](https://www.nzqa.govt.nz/ncea/subjects/science/levels/)

[Physics Realm](https://sites.google.com/view/physicsrealm/global-list?authuser=0)