

## Free expert led webinars for NCEA science subjects 2021

These online sessions will be streamed through YouTube and are aimed towards supporting students 3-5 days ahead of each exam. Questions can be posted in chat and a moderator will put these towards the presenter. A recording of each session will be 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.

Please circulate this living document widely among teachers and students. Details for additional subjects will be added where possible.

| Subject      | Paper                      | Date           | Time        | Link                                                                    | Additional resources          |
|--------------|----------------------------|----------------|-------------|-------------------------------------------------------------------------|-------------------------------|
| L1 Science   | Genetics                   | Thurs 2nd Dec  | 5-6pm       | <a href="https://youtu.be/Q4vtCuRP0k0">https://youtu.be/Q4vtCuRP0k0</a> | <a href="#">YouTube</a>       |
|              | Acids & Bases              | Fri 3rd Dec    | 4-5pm       | <a href="https://youtu.be/fBQuz6E756o">https://youtu.be/fBQuz6E756o</a> |                               |
|              | Mechanics                  | Fri 3rd Dec    | 5.10-6.10pm | <a href="https://youtu.be/kYfDI9yYIfI">https://youtu.be/kYfDI9yYIfI</a> |                               |
|              |                            |                |             |                                                                         |                               |
| L2 Biology   | Cell Processes             | Fri 3rd Dec    | 2-3pm       | <a href="https://youtu.be/X6thbXO5wkq">https://youtu.be/X6thbXO5wkq</a> |                               |
|              | Genetic Variation & Change | Mon 6th Dec    | 2-3pm       | <a href="https://youtu.be/CTYMKzchD80">https://youtu.be/CTYMKzchD80</a> |                               |
|              | Gene Expression            | Tues 7th Dec   | 11am-12     | <a href="https://youtu.be/53hbB4KT2bA">https://youtu.be/53hbB4KT2bA</a> |                               |
| L2 Chemistry | Structure & Bonding        | Mon 29th Nov   | 7-8pm       | <a href="https://youtu.be/spLc8qbshok">https://youtu.be/spLc8qbshok</a> |                               |
|              | Organic Compounds          | Tues 30th Nov  | 6-7pm       | <a href="https://youtu.be/5uXL9cIkfZg">https://youtu.be/5uXL9cIkfZg</a> |                               |
|              | Chemical Reactivity        | Tues 30th Nov  | 7.10-8.10pm | <a href="https://youtu.be/2jil1BIECH4">https://youtu.be/2jil1BIECH4</a> |                               |
| L2 Physics   | Mechanics                  | Wed 17th Nov   | 7-8pm       | <a href="https://youtu.be/ywPc-Cs9mFc">https://youtu.be/ywPc-Cs9mFc</a> | <a href="#">YouTube</a>       |
|              | Electricity                | Fri 19th Nov   | 6-7pm       | <a href="https://youtu.be/9GZ6o6JgXqY">https://youtu.be/9GZ6o6JgXqY</a> |                               |
|              | Waves                      | Fri 19th Nov   | 7.10-8.10pm | <a href="https://youtu.be/5ZOwGiiD5P4">https://youtu.be/5ZOwGiiD5P4</a> |                               |
| L2 ESS       | Geology & Stars            | Thurs 25th Nov | 10am-12     | <a href="https://youtu.be/fyx-IMichDE">https://youtu.be/fyx-IMichDE</a> | <a href="#">ESS Resources</a> |

|              |                                  |                |             |                                                                           |                               |
|--------------|----------------------------------|----------------|-------------|---------------------------------------------------------------------------|-------------------------------|
| L2 AgHort    | Physical Factors                 | Wed 8th Dec    | 10-11am     | <a href="https://youtu.be/29Ac4wl4xj4">https://youtu.be/29Ac4wl4xj4</a>   |                               |
|              | Livestock Growth and Development | Thurs 9th Dec  | 10-11am     | <a href="https://youtu.be/wbe1iW_Djz0">https://youtu.be/wbe1iW_Djz0</a>   |                               |
|              | Land Use                         | Fri 10th Dec   | 10-11am     | <a href="https://youtu.be/SSDccrVKKe0">https://youtu.be/SSDccrVKKe0</a>   |                               |
|              |                                  |                |             |                                                                           |                               |
| L3 Biology   | Plants & Animals                 | Wed 24th Nov   | 6.30-7.30pm | <a href="https://youtu.be/R47syiPYRxY">https://youtu.be/R47syiPYRxY</a>   |                               |
|              | Speciation                       | Thurs 25th Nov | 6.30-7.30pm | <a href="https://youtu.be/6KrT50m1Tos">https://youtu.be/6KrT50m1Tos</a>   |                               |
|              | Human Evolution                  | Mon 29th Nov   | 6.30-7.30pm | <a href="https://youtu.be/LLBKwGzUd1o">https://youtu.be/LLBKwGzUd1o</a>   |                               |
| L3 Chemistry | Thermochem                       | TBA            |             |                                                                           |                               |
|              | Organic Compounds                | TBA            |             |                                                                           |                               |
|              | Aqueous Systems                  | TBA            |             |                                                                           |                               |
| L3 Physics   | Mechanics                        | Mon 6th Dec    | 7-8pm       | <a href="https://youtu.be/gRYvc8G-e58">https://youtu.be/gRYvc8G-e58</a>   | <a href="#">YouTube</a>       |
|              | Electricity                      | Tues 7th Dec   | 6-7pm       | <a href="https://youtu.be/gSRn-KhQhQc">https://youtu.be/gSRn-KhQhQc</a>   |                               |
|              | Waves                            | Tues 7th Dec   | 7.10-8.10pm | <a href="https://youtu.be/Sfhi_zEGfEA">https://youtu.be/Sfhi_zEGfEA</a>   |                               |
| L3 ESS       |                                  | TBA            |             |                                                                           | <a href="#">ESS Resources</a> |
| L3 AgHort    |                                  | TBA            |             |                                                                           |                               |
|              |                                  |                |             |                                                                           |                               |
| Scholarship  | Biology (Human Evolution focus)  | Wed 17th Nov   | 4-5.30pm    | <a href="https://youtu.be/wP2QYVjwQGY">https://youtu.be/wP2QYVjwQGY</a>   |                               |
| Scholarship  | Chemistry                        | Thurs 18th Nov | 6-8pm       | <a href="https://youtu.be/BP1pCcMOFI_A">https://youtu.be/BP1pCcMOFI_A</a> |                               |
| Scholarship  | Physics                          | Sat 27th Nov   | 10am-12     | <a href="https://youtu.be/AgfaZmagRdo">https://youtu.be/AgfaZmagRdo</a>   |                               |
| Scholarship  | ESS                              | Sat 27th Nov   | 10am-12     | TBA                                                                       | <a href="#">ESS Resources</a> |
|              |                                  | Sun 28th Nov   | 10am-12     | <a href="https://youtu.be/-eYpF75fElg">https://youtu.be/-eYpF75fElg</a>   |                               |

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| Scholarship | AgHort | TBA |  |  |  |
|-------------|--------|-----|--|--|--|

Here is a link to the NZQA [Exam timetable](#)

Other useful links:

[StudyIt](#)

[No Brain Too Small](#)

[NZQA Science Subject Resources](#)