Term 4 Science PLD by subject/sector last updated 18 Nov (changes since last time)

**Agriculture & Horticulture**

20 Nov HATA regional Hub workshop, Feilding High School. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

20 Nov HATA regional Hub workshop, Marlborough Boys College (10am – 2pm). Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

20 Nov HATA regional Hub workshop, Geraldine HS. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

21 Nov HATA regional Hub workshop, Bream Bay College Northland. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

22 Nov HATA regional Hub workshop, Lindisfarne College, Hastings. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

22 Nov HATA regional Hub workshop, Wellington HS. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

25 Nov HATA regional Hub workshop, Lincoln Uni, Chch. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

28 Nov HATA regional Hub workshop, Wakatipu College (2-4pm). Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

29 Nov HATA workshop for Otago/Southland, Blue Mountain College, Tapanui. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

2 Dec 3:30pm. RAMP\* webinar to discuss changes to AgHort standards for 2025. Register [here](https://events.teams.microsoft.com/event/d45dc19d-e07f-4697-b3ef-4878bbc78e35%40e6d2d4cc-b762-486e-8894-4f5f440d5f31).

**Biology**

22 Nov Genomics Aotearoa is running a workshop for CB1.3 at Vic uni, Wgtn. Register [here.](https://events.humanitix.com/ga-ncea-wellington)

25 Nov Hands On Genetics Lab, BEANZ PLD, Kelburn Campus, Vic uni, Wgtn. Register [here](https://forms.office.com/pages/responsepage.aspx?id=Iz7mz1FpfkKGg7uE3PHSDH9qNBdLE8ZDpVnPGs1W7LFUNE8yTVRHQVBESVQ3RkVaRU1OSDlaUEE4Ri4u&route=shorturl).

26 Nov Bio PLD from OSTA at LPHS, Dunedin. Contact Yvonne Caulfield ymc@lphs.school.nz

**Chemistry**

22 Nov OSTA’s Chem PLD at LPHS, Dunedin. Contact Murray Thompson mbt@lphs.school.nz

**Earth & Space Science**

29 Nov ESS PLD from OSTA at OBHS, Dunedin. Info [here](https://docs.google.com/document/d/10CpvpIHRRnIbEslELWtHtXD0zNfW7qmCJ-PYi4qTHwg).

**Physics**

27 Nov Physics Teachers’ Day, NPBHS, New Plymouth. 9:30 start. Register with [Kerry Parker](kerry.parker%40npbhs.school.nz)

28 Nov Physics Teachers’ Day, Otago uni, Dunedin. 10:00 start. Register here.

29 Nov Physics Teacher Day, LT401, Engineering building, Ak uni. Register [here](https://docs.google.com/forms/d/e/1FAIpQLSc_tMJCp-rzfmIdyGo-krbFXI5UjNIEycwkuYzU4XHLKtHzoA/viewform) (free this year)

**Science**

18 Nov NZASE PLD on L1, Palmerston North Boys High School, 2-5pm. Register [here](https://forms.gle/s1XgzHadmPspNUti6)

19-20 Nov Field-Based STEM NCEA conference for L1, Auckland. $285. Register [here](https://field-basedstem.kiwi/conference-event/auckland-north-conference-secondary-schools)

26-27 Nov CSTA day for PCTs (New to teaching or new to teaching in NZ) at Burnside HS.

28 Nov SLH webinar  [Exploring climate change education in secondary schools](https://nzase.us20.list-manage.com/track/click?u=8c425987404cc6d43eb068e6a&id=8b047b4674&e=ad08fc00c8)

**??** Nov NZASE PLD on L1, Waikato 2-5pm. Register [here](https://forms.gle/s1XgzHadmPspNUti6)

**Primary**

19-20 Nov Field-Based STEM primary conference, Auckland. $285. Register [here](https://field-basedstem.kiwi/conference-event/auckland-north-conference-primary-schools)
27 Nov SLH webinar [Exploring climate change education in primary school](https://nzase.us20.list-manage.com/track/click?u=8c425987404cc6d43eb068e6a&id=3a4a6d4e27&e=ad08fc00c8)

**Everyone**

19 Nov **SLH webinar Understanding climate change, Chris Eames. 4-4:45 pm. R**egister [here](https://waikato.us9.list-manage.com/track/click?u=9735cd79efa925d5756daa13b&id=b740500139&e=0ab915c44b)

26 Nov [Festival of inclusive education](https://www.texthelp.com/en-au/lp/festival-of-inclusive-education-2024) - free, online, 11am-4pm. Register to access for 30 days.

4 Dec Review 2024 NCEA exams. Mt Albert Grammar, Auckland, 4-6:30pm. Register[here](https://docs.google.com/forms/d/e/1FAIpQLScHJ8SXuW4VVuamg8ppwB5T_hpXZ7vHyNP7Z0kRY1pXoKXgsg/viewform)

4 Dec Exploring science within an integrated curriculum, te Papa. 9:30am-4pm. Register [here](https://bit.ly/4fo6ItR)

**RAMP\* webinars for more than 1 subject**

28 Nov 3:30pm Unpack changes to L1 Science and L1 PES standards. Register [here](https://events.teams.microsoft.com/event/e2ca317b-09fe-4d3a-9c45-ef9f28368b10%40e6d2d4cc-b762-486e-8894-4f5f440d5f31).

3 Dec 3:30pm unpack changes to L1 CB and L3 Bio standards. Register [here](https://events.teams.microsoft.com/event/dbbc42d9-ca3c-49d8-b598-d8dca47a4182%40e6d2d4cc-b762-486e-8894-4f5f440d5f31?fbclid=IwY2xjawGYl4dleHRuA2FlbQIxMAABHT5RRCsUoKKSo2B1tUw69omVofuTGk8GnrPvkvUCun0ZIg3hqPc13KaDFQ_aem_w-By784vFCeiuEioi7lyuw).

Term 4 PLD by region

**North**

19-20 Nov Field-Based STEM NCEA conference for L1, Auckland. $285. Register [here](https://field-basedstem.kiwi/conference-event/auckland-north-conference-secondary-schools)

19-20 Nov Field-Based STEM primary conference, Auckland. $285. Register [here](https://field-basedstem.kiwi/conference-event/auckland-north-conference-primary-schools)

21 Nov HATA regional Hub workshop, Bream Bay College, Northland. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

29 Nov Physics Teacher Day, LT401, Engineering building, Ak uni. Register [here](https://docs.google.com/forms/d/e/1FAIpQLSc_tMJCp-rzfmIdyGo-krbFXI5UjNIEycwkuYzU4XHLKtHzoA/viewform)

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**Central North**

?? Nov NZASE PLD on L1, Waikato 2-5pm. Register [here](https://forms.gle/s1XgzHadmPspNUti6)

**Central South**

18 Nov NZASE PLD on L1, Palmerston North Boys High School, 2-5pm. Register [here](https://forms.gle/s1XgzHadmPspNUti6)

20 Nov HATA regional Hub workshop, Feilding High School. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

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22 Nov HATA regional Hub workshop, Wellington HS. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

25 Nov Hands On Genetics Lab, BEANZ PLD, Kelburn Campus, Vic uni, Wgtn. Register [here](https://forms.office.com/pages/responsepage.aspx?id=Iz7mz1FpfkKGg7uE3PHSDH9qNBdLE8ZDpVnPGs1W7LFUNE8yTVRHQVBESVQ3RkVaRU1OSDlaUEE4Ri4u&route=shorturl).

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**South**

20 Nov HATA regional Hub workshop, Marlborough Boys College (10am – 2pm). Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

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22 Nov OSTA’s Chem PLD at LPHS, Dunedin. Contact Murray Thompson mbt@lphs.school.nz

25 Nov HATA regional Hub workshop, Lincoln Uni, Chch. Register [here](https://docs.google.com/forms/d/e/1FAIpQLScj7q4czR57kh0G33TVbRl5ROM1R1IYTBUybcjLgPEhlLxyAg/viewform?fbclid=IwY2xjawF9BZJleHRuA2FlbQIxMAABHQ9JVpL-5g2rMQCS5EJYU6OJ7mASBrJWXWgxi4cJRij-OwItNjNI21vqjg_aem_K5LkLzhICmkuqHzJbLFpTQ).

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29 Nov ESS PLD from OSTA at OBHS, Dunedin. Info [here](https://docs.google.com/document/d/10CpvpIHRRnIbEslELWtHtXD0zNfW7qmCJ-PYi4qTHwg).

**Online, available to all**

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2 Dec 3:30pm. RAMP\* webinar to discuss changes to AgHort standards. Register [here](https://events.teams.microsoft.com/event/d45dc19d-e07f-4697-b3ef-4878bbc78e35%40e6d2d4cc-b762-486e-8894-4f5f440d5f31).

3 Dec 3:30pm. RAMP\* webinar to discuss changes to L1 CB & L3 Bio standards. Register [here](https://events.teams.microsoft.com/event/dbbc42d9-ca3c-49d8-b598-d8dca47a4182%40e6d2d4cc-b762-486e-8894-4f5f440d5f31?fbclid=IwY2xjawGYl4dleHRuA2FlbQIxMAABHT5RRCsUoKKSo2B1tUw69omVofuTGk8GnrPvkvUCun0ZIg3hqPc13KaDFQ_aem_w-By784vFCeiuEioi7lyuw).

\*RAMP = Review and Maintenance Program which has resulted in changes to some standards for 2025. Registering for these webinars ensures you receive the online link as well as the PPT and recording afterwards.