Online learning Support 6 April

Advice – how do I learn how to do it?

* + Facebook group (new) for International educator online learning sharing [International Educator Temporary School Closure for Online Learning](https://www.facebook.com/groups/1584726155013357/)
	+ Guide to online teaching compiled from posts from many teachers worldwide. <https://www.theedublogger.com/teaching-online-school-closures/>
	+ A group of school leaders talking about the processes they found useful getting their schools online. <https://www.youtube.com/watch?v=bsUy-VuF4u0&feature=youtu.be>

Tools/strategies

* + For a limited time, the quiz-based learning platform **Kahoot!** is making its premium membership free to schools affected by coronavirus closures. Use it for self-paced games or videoconferencing. <https://kahoot.com/blog/2020/02/27/kahoot-free-access-schools-higher-education-coronavirus/>
	+ Distance Learning with **Google Slides** <https://alicekeeler.com/2020/03/07/distance-learning-with-google-slides/>
	+ Useful tools – e-learning **templates** for graphic organisers, infographics, interactive notebooks, comic strips, Instagram stories, video projects that students can write on. <https://ditchthattextbook.com/elearning-activities/>
	+ [DataClassroom](https://about.dataclassroom.com/), a **tool to graph data sets**, is offering a free 90-day trial of the paid features on the app, email him at aaron@dataclassroom.com . Aaron is also happy to do a video call (fr USA) to help you set up classes and have students use the tools on from home. Book a time here <https://about.dataclassroom.com/book-demo>
	+ For those of you who will be using Meet for online learning, a school in the US built a Chrome extension to have a **view of all the screens** in the meeting. Go to the [chrome extension store](https://chrome.google.com/webstore/detail/google-meet-grid-view/bjkegbgpfgpikgkfidhcihhiflbjgfic?fbclid=IwAR3VB5YTY7c1L1I2_tkrJhMWvULimo8I1KgrVjJ0O7VNsGFqKLs9Inq9GoQ).

Science resources

* + **Heihei** is a a safe, ad-free platform for Kiwi kids aged 5 - 9 years.On its free website and app, you'll find a wide range of new local TV shows with plenty of science with Siouxsie Wiles & Michelle Dickinson <https://www.heihei.nz/config/browse/screen/home/>
	+ Some activities based **outside**. <https://www.science-sparks.com/spring-science-activities/?utm_source=newsletter&utm_medium=email&utm_campaign=20_spring_experiments_for_kids_science&utm_term=2020-03-31>
	+ **Newsela** provides science readings based on the news at 5 different reading levels. <https://newsela.com/about/solutions/science/>
	+ Werlz Publishing is allowing teachers and students to download 5 titles for free – some **ESS** in here. <https://www.werkzpublishing.com/sciencewerkz/nsta-5-for-free/>
	+ **TES**’s searchable library of digital lessons <https://www.tes.com/lessons/gallery>
	+ Netflix has **docos** <https://homeschoolhideout.com/educational-shows-on-netflix/>
	+ Learn about plant and fungal science from home with **Kew Gardens** resources <https://www.kew.org/learning/learning-at-home>
	+ Science Learning Hub resources for secondary students learning from home <https://www.sciencelearn.org.nz/resources/2908-learning-science-from-home-secondary> (primary - see next page)
	+ World Ocean Observatory <http://www.worldoceanobservatory.org/distance-learning-resources-covid19?fbclid=IwAR3Z4JITH30A9ncxJN9iY8qWMRjwyWABowOfy8uzdC7ylQTGEBWLoOiVfgU>

General resources

* The stand-out find:

**School Kit at home** on Facebook is posting several learning ideas a day. They all have the same structure: WATCH (at this link) – TALK (about these questions) – DO (some practical activity). Small ideas, perfectly manageable. <https://www.facebook.com/groups/schoolkitathome/>

* Free **animated story books** [www.vooks.com/teacher-appreciation](http://www.vooks.com/teacher-appreciation) and audio books for all ages from <https://stories.audible.com/start-listen>

Primary (thanks Sandy Jackson)

* **Darrin Mitchell** on Facebook has some experiments you can do at home: make a [bouncing ball](https://www.facebook.com/darrin.mitchell.58/videos/10159417617689338/), [walking water](https://www.facebook.com/darrin.mitchell.58/videos/10159413218919338/), [super bubbles](https://www.facebook.com/darrin.mitchell.58/videos/10159422369399338/), [cloud dough](https://www.facebook.com/darrin.mitchell.58/videos/10159408846784338/).
* **Science in a Van** presents a video session on You Tube at 12:45 Mon-Fri during lockdown <https://sites.google.com/scienceinavan.co.nz/scienceinavan/youtube-live>
* **Wellington’s Zoo** has created a page of animal activities for children <https://wellingtonzoo.com/schools/activities-for-kids/>
* Online resources are posted by Jessie McKenzie at **Royal Society** to
	+ HeadsUp facebook <https://www.facebook.com/headsup.scienceannounce/>
	+ Heads Up on Twitter <https://twitter.com/scienceannounce>
* **Young Ocean Explorers** video clips about life in the oceans. As a teacher you can sign in and create your own assignments for your class, helping students to focus on what you want them to. These are  great starters too [www.youngoceanexplorers.com/](https://www.youngoceanexplorers.com/)
* **Starters & Strategies** – some resources are available without paying <http://www.starters.co.nz/teachers-magazine.html>
* **Science Learning Hub** resources for Lower primary – [bit.ly/2UV4sm4](https://bit.ly/2UV4sm4?fbclid=IwAR1ISEFDF2Uqv-Zc1qX7an45jRSfuARiuiyUoxSUI5TYtASR9cb8Wmf_HQE), Middle – [bit.ly/2R1Qaiy](https://bit.ly/2R1Qaiy?fbclid=IwAR2X65sKK6W7KmTwWk55fjtH-REeqqfvWLsYGcXv5QIBxL9fyETp5sN3ivA), Upper – [https://bit.ly/3dOCIYY](https://bit.ly/3dOCIYY?fbclid=IwAR3MTwTJP0mYFzR11SdSVRt_30WUu9YLzU0JwMifKg7F7XwIHG4y6NjHE7M)

#### Connect Journal

Don’t forget the Connected series are online – stories on Google slides and teachers’ notes. Go to <http://instructionalseries.tki.org.nz/Instructional-Series/Connected> and enter ‘Connected’ and the year to find them. You can add a link for the reusable material to your Google Drive, if you want to.

Here are the newest 9 that went live this week:

* Winning ways: presenting scientific data – [http://bit.ly/2SYNVwn](https://bit.ly/2SYNVwn?fbclid=IwAR330L03AuGfjR2y83gBCypTDaig5HnVT-fv60pP4EbILOdazmw8Jtovtzk)
* Animal X factor [https://bit.ly/3djs38B](https://bit.ly/3djs38B?fbclid=IwAR1F5JiHBFnhsurgWl4e0z2m2moIOxCkvvrueYKOvGD7s53oozhYbmHqUsI)
* Kimihia Kermit [https://bit.ly/2xp5rmn](https://bit.ly/2xp5rmn?fbclid=IwAR1p5EMzuLxbhkvb5wHIDH_nbMpaYGpuQHnjYwcnumdeofDSF_5eaVjhMEI)
* Sea science [https://bit.ly/33EKKiq](https://l.facebook.com/l.php?u=https%3A%2F%2Fbit.ly%2F33EKKiq%3Ffbclid%3DIwAR1YueL3CQd3JcLuF3-oELiYqdJ-LDim-nLkmqKrwLFZtIOjphBUKUyCSVU&h=AT3lMnD8pdlW9ZcSsOLF1R4JZqSCigiyKfCgXIN1aFlvygZ5HWLXAV7TVGhv_9hmCNxQ4azHb4vmp1rM_481HXu8WkzXj7MA30WS6-lLbaxNdYftxozUg_VJrXvKivW_Fk9rJWNqgZ3bMaT7YOqKSSRx3Osy0YhI0Lo913-nJEO94sZ8AmcGvmeZK8K2jrm1l54mzT44myTijlTtThKkqy-3sDzxXSsfbjfKIj866KspsOpbiWApDZYYFCCVCRUiNs4T2WEtB9juPeJ9U7tQEhBg7qjp7y8K-kAoQMh7kc1k9vbZSks3qXXUs9pOyaLIbZkCbEjB_iEAbWQgpKxMSBhUYodHtWD4CbBuE2nYK2IH6FRKeaTU8TnS6foo6YRo4zGyVy9nY-Yp0JMr2fzqanhmThB46UPQ-4Io4rVX85Y82ZPPkbFTNv5s7UJPUWZE7nPi_HBq-KJfji6tNpAdO7wcfeEw0Tlfg2lVtZr_gwYYHaa8pGrH1a-gvEzUNG5VCtVjEt8jWp1bfiA4V35i6Ix7-mWwwZVcveHc_GagV6dhBL7rXJX_NxTUOeBPU2jmnTWacbovae8s-Jp3Cl07xXn-CTmOyJ98R1zr2wswTZzxgD-SwThzm4Yc7-aWGUOgJiZdPwF1SbeQ28H6LB8zboWOu-QlZSVKE6_ryvPAiyxtZTwCVQ)
* Three drones [https://bit.ly/2Uzd5Cz](https://l.facebook.com/l.php?u=https%3A%2F%2Fbit.ly%2F2Uzd5Cz%3Ffbclid%3DIwAR2rFRwrH_2Eu7MKjx4Kaa9BeHAFM_sXBwNwj1B3kP6qa7MtdYRZzk3lbgk&h=AT3aIiQXL_FQMx0PaZJw2B-t8jgg4N9vsisLzADaPCUDnPyfULKqJG6BrGGdv_AJIbIPdNAQSL2gEUhZPEBREtXjom3EgruWr_pnXL6R7_zFoFhMYJ4mden6Hd7LhmGVMpS914PSWP5FCsW7peyQ6xbSGFLof9_7Co4WcDMRJklbOTFp6zXrvJL2ZYEqExwZ299oRfVyMZ_vgIljcprf6BmHzYPaLiU7x5cobX3D50nItBWjX9KoP-VZ7Nw7h2gEfMt7d5HVEwD8QocvXY20EXb1Hgzp48X1sWFeX0C4uR6Z__o8oO98O3goeJD4s-ShMeNrd28X88mpeoSRAjeZU2p03Ry_dkrOAvqC_jPdfZoTf0nUsiqpm6J8WqxnyPlAGBQIB5XgYsPsMyuW62nie7Zw5k6ROqE5VovGWMLqIo3A_ZUGO0OJ-e-AeNutSBxxX5eoQXGY_5NGpLysn3fxzMUtxAwUkRi76X-Ab4mG3W1Es1jEqQZFZxVxCfe6r6WmglY-7ZSpOJoc3gvbsDU-rokCXH73P7Xfx2O-rv_ueOtllYgwQQldkgWlmqvP1D7wePmoqo5ZgsFuVUzetvX_wqx1CoOBmm-M7BL6wj-aEUMEim_jRo5QCrGfxH78uvtT8_ZY9iPRGzNxZIWhkg4EooueFuCK5un4mzZtcXIRqV4joChBKA)
* Betty Batham: biologist [https://bit.ly/2WFZg8a](https://l.facebook.com/l.php?u=https%3A%2F%2Fbit.ly%2F2WFZg8a%3Ffbclid%3DIwAR3CJQmXqXAO_qAj14i3DgboBae-sm6NII9xzTsFCECSOYn2wAeNRt1r3Oc&h=AT3QoEeefVScgAmHrA6MjAi2STYcSUBgFLoBYbo3o00uih9mXPsH41dQeyMS6gklzoJ4HEpuzegQdNLg657r4LDHdVxTqWytlt2x_ZcfJBJIuaeI3kLQUUekbs5jrGBu_dsZc_862gLRRksM-TP-5CAfqn28Pph2QNGMSMS4XySmwjIP1WBdRJtShSxchkEnGPLal1vPVqRXpO6tG1TB_lSuMHltJ2r-aKBuM_wpwL8ISZ8Q7DsKesc-CnsBipYTxo4wo19NzxIcct5ASLeuIuKHu7yHoeNDx09dnMMspbK2YHoGHXponwz1gO5wnkghqPRqaDKn_1sEGpPMS1ZwmC6bi7gcJt01jy-aYvWUgIrLe4rcHaKnNNouy3Ekl99HkudI5_Kf4aAMl8CFXHzPn6yzJWOvoSQyCTrWg2hqjHg0RNUfaclg1H4pLg7RjBdJx8T4hbqCvjhDwyCrctvOYqjqLDX-_eK5y1P6P35--HrJO8-UHj0hNNDWu2aSElELzb7i0gySyLkDCxdRsKpFOcNAfwJF-G9lf5PGzpEC-gIhtnXV86f1c8DfiH5xxp7r6HT-pg97SrXTT_Gc8FqvqClQemf1vdiwQxesTZ8BsWLfdyjWFU-VPtZkf8HmHakovWUKUGgLca7S6g_7QJTpbK8rvFnyTKFeVyFqpaWoufnYXPfJvQ)
* The long pause [https://bit.ly/2JaJ8DH](https://l.facebook.com/l.php?u=https%3A%2F%2Fbit.ly%2F2JaJ8DH%3Ffbclid%3DIwAR3ymih8Nr5cqOFbFyTxRamvtJkpjfKayq04rnkoVEZdI54HCvUZdvPo9Gk&h=AT18XB2wQsshXUYZvdHbVRO-YMFG_rHruFlwr9Bdcm_xSUmXA1pY2K6XGOJsJyzmFDyPAAc1-O1BErMK09059VeOEeBN5gB-0LclK28rAH0h34MjsiG9VWWwymEbyXifGu5ACAP-ouLXQfTvBt2ps6cw88yfpGZefuwLxUo0ytpVin-KHLnru3VZ0ahOjS3vHCDV5P9ccdB60VIvUxhbfxRv_2Yyxb76lyFdFn4j3zgblDTjQVGI-1avbbMfrybi914GsAFKQ7zQB1vIYiLbCb6pBKdGHhpLn15F043Vxsd8RumA0qFtJPJQ58PMPiBJpJ1mM4wf7rD78i10ZwyL_vZ4A40KDEMspTt1rayyAzqWuZ5GlCdCUMGlamwxjuhQbBOqTIhdIQDyShnn0f49dQXdkDs3sE3OXmZ-_XX_Y1a07DDWsNufLveNvSuWU-2C_v0VocOnvMAOUSnflDdBy7O8uhRYStHLDWFG9Cgc7B4_juNyd572C3gC8RNPZ7Z5it72xOFETlwx4UDEjSRtNynCdEO2qP89C2pKyckZKsLHdChtKqDzdkAq3On_UVfml6q-fvHtNktvWcKpamE3lk4X7xMMgbDw7ENuoza6wNcVK46wf_XfMK89JP9EAS2jHqmzTMVE9qTYwUBttTvtvpB664BbwlFnS7Udcw2RTBaAqFmYpA)
* Fake facts [https://bit.ly/33DXupJ](https://bit.ly/33DXupJ?fbclid=IwAR0U6ixqsfDu41nZynZ8AiJCcqBVxbdPkYYzM_VkSDEiL2cN012IAyW7yBs)
* Defending the dark [https://bit.ly/2QFNmaE](https://l.facebook.com/l.php?u=https%3A%2F%2Fbit.ly%2F2QFNmaE%3Ffbclid%3DIwAR0yaQKTxr301aLQCTNkTDfhmgpkFA8yupOzwh6oReZfNWV79rGL18MY3No&h=AT2V3M45RiCL89xJ2tZRatf3LxPaGyd1q3POOKzyP32TXaM3od6fnQTEccCWN05histWpVSBh_kpNvKYl7zy6p5cag7X3fZbbS7xz55xLuHmcIkNeff0HoZlL09RBfQkEosM0s-Kj1aKaM0CIrZKNltVDM5tCcz2urAQGlKpXNv4xoU1dgbmApzs5Lpxmg-tywWp6nKyLzruYRA4s9iyp076sBpLTXnktFwXbNOT-zTBU9-3JTm7mtP0FNhXGdqfSp4Ez9KMXmaqewj4q9TCWskPoayKIWM6dEBbTedfz0l34uQBD57_6sQRwg5WYfdg5gb8XR1zusvIUWDiFvko-ZqzaTSro920xmmt__Lq9jE8NLCM7WXhEmv-WRu5D98iOmEQY4fP9OThLZHFMTHrfmhmxRYDbbkkVayqy0xl4tXRgI9D6KGwPxfkaF-RiVM4HkOr9DQbbtqUW-DUHf10TUHLocz0U1QxFqVkkb6bOA5rNyxGxbx9RwLGPDWxblH9tpcIC72fTjoesJ4_w4ooY9MHNSlNuEIeahQ9b01BZEvI33ECk9oO9rcD2nfJyv3wyeQlrK1380DgYKB8O0e6yxiENFrk15PnbOrHx_VF75UqVFOCvR7FubCeKoEJ9BKaCGixZbz2UB3gEvKcvyNcgzZI_Khl_P_cB8Tihabj2fFXvtH4pA)
* The global positioning system [https://bit.ly/2xgFrKb](https://bit.ly/2xgFrKb?fbclid=IwAR00IsvVxEybckhUYGr_xw8w7cN2vydyencXQuopAtwg2uxQxz7jw4GPHSE)