

※若學生居家隔離兩周，本科每周授課節數3節，建議每周補課\_\_\_節

※本科其他補課建議：

生物科與其他領域學科最大的不同是我們有實驗活動課程(學生需實際操作)，這是學生不易自學的部分。

故建議只要學生能夠居家自學，下列生物科已提供的本科老師實際授課影片及為學生整理的雲端平台影片、評量及學習資源。

回到學校後，只要再補上居家自學時缺漏的實驗活動節數即可；

若居家期間剛好沒有實驗活動進度，則補課總節數= (總實驗活動節數/總授課節數)\*總缺課節數，補課的內容則是進行居家自學內容的總結與複習！

※本科教學策略：

以均一教育平台為主，任課教師可以掌控學生居家學習活動的質與量！

停課前，任課教師與學生須具備或完成的操作與技能：

1. 任課教師須學會在均一教育平台內成立任課班群、提供學生學習任務，以及如何從後台掌控學生的所有學習活動；
2. 學生會利用學校的學生行政帳密，進入均一教育平台內，任課教師成立的任課班群，以及永中生物科居家學習包內的各種學習資源與評量。

※本科學生實際學習與操作”永中生物科居家學習包內學習資源與評量”的步驟：

1.學生依永中生物科居家學習包內的各週教學進度所對應的學習資源路徑(超連結), 實際觀看均一教育平台教學影片或立哥教學平台內, 陳建立老師上課的教學直播影片。

(任課教師可從後台確實了解, 每位學生實際觀看的影片長度與數量~會用不同的顏色顯示)

2.學生依永中生物科居家學習包內的各週教學進度所對應的評量路徑(超連結), 實際施做均一教育平台教學評量。

(任課教師可設定要以精熟制或題數制來統計學生的答題狀況與進程)

## 新永市永和國民中學108學年度第2學期 七 年級生物科居家學習進度暨資源總表

週次	學校行事	雲端教學資源平台	立哥教學平台(陳建立老師統整與建置)		均一教育平台(林余思老師統整)	
		生物	教學影片	1know評量	教學影片	其他資源:評量、講義.....
領域授課節數/週		3				
十三	5/17-5/21	3-1化石 3-2生物的演化	化石--化石的種類 <a href="https://www.youtube.com/watch?v=x8NwBNkGRPO&amp;list=PLDCTrO5oDv1hotTwjkr_4z5-z1fGoN6Ux&amp;index=4">https://www.youtube.com/watch?v=x8NwBNkGRPO&amp;list=PLDCTrO5oDv1hotTwjkr_4z5-z1fGoN6Ux&amp;index=4</a> 化石--化石的訊息 <a href="https://www.youtube.com/watch?v=TGy1EFdJrAQ&amp;list=PLDCTrO5oDv1hotTwjkr_4z5-z1fGoN6Ux&amp;index=5">https://www.youtube.com/watch?v=TGy1EFdJrAQ&amp;list=PLDCTrO5oDv1hotTwjkr_4z5-z1fGoN6Ux&amp;index=5</a>			
十四	5/24-5/28	5·1族群、群集與演替			族群、群集與演替 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-v/RwWUPzzPMdE">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-v/RwWUPzzPMdE</a>	族群、群集與演替評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-e/njbst7ab">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-e/njbst7ab</a>
十五	5/31-6/4	5·2能量的流動與物質的循環、5·3生物的交互關係			能量的流動 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-v/srhiYs-m9BA">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-v/srhiYs-m9BA</a> 物質的循環 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-v/fj6RwGPvZ_Q">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-v/fj6RwGPvZ_Q</a>	能量的流動與物質的循環評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-e/s4bst-ba">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-e/s4bst-ba</a> 生物間的交互作用評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-e/njbst7cb">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-e/njbst7cb</a>

					群集與生物間的交互關係 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/v/114ZLo1kHRY">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/v/114ZLo1kHRY</a>	
十六	6/7-6/11	5·4多采多姿的生態系			陸域生態系 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/v/qvjiIQU7J9w">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/v/qvjiIQU7J9w</a> 水域生態系 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/v/s1oSFTSjFrs">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/v/s1oSFTSjFrs</a>	生態系評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/e/njbst7db">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/e/njbst7db</a> 生態系2評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/e/s4bst-da">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bst-/e/s4bst-da</a>
十七	6/14-6/18	6·1生物多樣性與其重要性 6·2維護生物多樣性			生物多樣性 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/v/bOIDPklHmbc">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/v/bOIDPklHmbc</a> 人類對環境的衝擊1 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/v/wYSueJ8DyZg">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/v/wYSueJ8DyZg</a>	生物多樣性評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/njbhi7bb">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/njbhi7bb</a> 人類對環境的衝擊評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/njbhi7ab">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/njbhi7ab</a>
十八	6/21-6/25	跨科主題 第1節植物對水土保持的重要性、 第2節植物調環境的能力			人類對環境的衝擊2 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/v/L72bURO8dBY">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/v/L72bURO8dBY</a>	生物的保育評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/s4bhj-ca">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/s4bhj-ca</a> 環境評量 <a href="https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/njbhi701">https://www.junviacademy.org/junvi-science/junvi-middle-school-biology/s4bhj-/e/njbhi701</a>
十九	6/28-7/02	第三次段考週				