**【國中地理篇】**

**感謝**[**Yt Yang**](https://www.facebook.com/yt.yang.9?__tn__=%2CdK-R-R&eid=ARBc9crm-abGxFwO1BwqgTiWdtnUBEVqocIcWgbeMLuNVvCO8UXyL9k2lyZ8bA7hSB6mlhWSULJtlPq-&fref=mentions)**老師/感謝臺北雲**[**https://cooc.tp.edu.tw/**](https://cooc.tp.edu.tw/?fbclid=IwAR2RlkUoS_Xh5Y1NtNYz4cwf9tQeZO929-AAEt3Nq6unyEZ2w5J8xZlPDt4)

**等高線地形圖判別**[**https://reurl.cc/VaAXmb**](https://reurl.cc/VaAXmb?fbclid=IwAR3ovTTUMC2LCPm6e0BovvA0hNzU6TbAMgQCaz4eOrY07F4cxR5uMakpx3g) **氣候圖判讀**[**https://reurl.cc/e5R8bb**](https://reurl.cc/e5R8bb?fbclid=IwAR2djCr5JB-baRA99RcnPPwNvRRH12sotHbGzGX9gyEowJYbMpZGnMQKs5M) **台灣島嶼**[**https://reurl.cc/M7pd2m**](https://reurl.cc/M7pd2m?fbclid=IwAR3sI_duBn6kBd2jidINp6lSjF2RoOLR3nYKJhBLIljWDfXtHNWpCxsGJSU) **臺灣河川**[**https://reurl.cc/Gk8rOd**](https://reurl.cc/Gk8rOd?fbclid=IwAR15ld0hcOcliv9qqSgu5tm1G4NCbffAJ_tQeMp3LFxHo8e43im8Wac7zlM) **臺灣的人口**[**https://reurl.cc/Qpr3Gb**](https://reurl.cc/Qpr3Gb?fbclid=IwAR0mFzWNkr5ZTZ6wpYxzUlrfViXYZvgbtQOwY7J3bmCHdemfhW3_1SgUZQI) **臺灣工業**[**https://reurl.cc/rly8nb**](https://reurl.cc/rly8nb?fbclid=IwAR2BHsWgGZ42jpqpsT_rDVS_X-2_92X5JIDvvDinhFQiDrsYaHBDi2dPeBk) **工業區位**[**https://reurl.cc/K67jop**](https://reurl.cc/K67jop?fbclid=IwAR0FTPqiNdpqjVVTZbcB5Yfm1Y5SHf_f9BW0_k962dxr1qx32HkbsqY0U0k) **台灣區域特色**[**https://reurl.cc/0zAOk6**](https://reurl.cc/0zAOk6?fbclid=IwAR2d5lkx_5H-nZSq7n0MLUGtCsEkvJgIPRz-EA-QZShH1FG1BtxlKv9lZ3s) **中國地形**[**https://reurl.cc/drN5jD**](https://reurl.cc/drN5jD?fbclid=IwAR29V3Vbh2lghjfyzofsA3jT1t7z82oDqzj4XMaVl58z_gRQ50yLl2gHbjI) **中國氣候與水文**[**https://reurl.cc/31gLWX**](https://reurl.cc/31gLWX?fbclid=IwAR3n_FlnITnd4Rg9EqJH5VaWoPBFoDIwOE7up-qngavvzaO9EAxHSW-Bfrc) **中國產業**[**https://reurl.cc/k5x02K**](https://reurl.cc/k5x02K?fbclid=IwAR0BWPfDLLclGTqiDbmFhtGtAd8lACV-U6xzpV6fZQkVKrxkqURQ8lhzPjo) **中國農業**[**https://reurl.cc/xD504N**](https://reurl.cc/xD504N?fbclid=IwAR1z4VH0AtDXUcXCNQRcWwW0JVw2q63hqj08NpORaVmX4Ba8MJH_O9I8oXQ) **中國人口**[**https://reurl.cc/L1ydZ9**](https://reurl.cc/L1ydZ9?fbclid=IwAR1i5F7X-b3Sm_0REfAuwPtXjIRm2i8qbSbcgPY65fBVtgx1BrBI4toZpHM)**中國的人口組成與分布**[**https://reurl.cc/M7pdGX**](https://reurl.cc/M7pdGX?fbclid=IwAR2RhG2KqbB9rzIQGomWKZ6IEaE8L6BUrm3ZyBZsBXHz6e8DmXw9SmHchDo) **中國南部地區**[**https://reurl.cc/5gjqaR**](https://reurl.cc/5gjqaR?fbclid=IwAR1PafCdXWxRNygjhJkhdYXxFGrRuKzP1frN3h60y5qywt-yszp8vzcQWSQ) **中國北部地區**[**https://reurl.cc/md89XG**](https://reurl.cc/md89XG?fbclid=IwAR2gToFmPOIW1pQxds3IHBaWyoLVCMr6OSHklKuvlxLUZglH_N2pMRGFHkA) **中國西部地區**[**https://reurl.cc/M7pdWm**](https://reurl.cc/M7pdWm?fbclid=IwAR3fEv2xD2WwJBmJgLs6OnIeeHJXlHol3OuzIUALS81_-imnpfPVYQCpF_4) **影響世界氣候的因素**[**https://reurl.cc/alOvjl**](https://reurl.cc/alOvjl?fbclid=IwAR2G4vSeftXjWee_iNwB5Nk9O0c_ixNT1Ti_nT_h_ewcHFt2Lz-W6OltjKg) **東北亞-日本群島的地理環境**[**https://reurl.cc/jdz5jm**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2Fjdz5jm%3Ffbclid%3DIwAR0LXzv1BUCyXaBXF1PHtvsisAPBqnrUCR-h2q_r5N8SI7UB5MPhirKBmM0&h=AT0fcwyIvBA_f48rCUp7Ksr_cNJQWsys61kryVEp6gWgYch3-DLekh-T-pgLeNeJJ2o672MzUDuRsSo1OcBk6PUlJhy_MNRKXTW0Wuv-9OF5X1ibt-XA6RATKcEU5bY9chSY1MBPWM0iFewPKDxE7bl88gvROQ) **東北亞-朝鮮半島的地理環境**[**https://reurl.cc/D1z6Qe**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2FD1z6Qe%3Ffbclid%3DIwAR0KiBq3vsoQwGAUXTQF4h1uSaDNsDPBjB8Vlu3zOcrDT4l3q3TbxY8sxQw&h=AT2cmQAaDcReE3aDNgbGa1S8FWsI1D7sEi6w5HQFwY5cC3aXbCp1fSvifd4ynWnhiZaIU7LBX1pCiv5Z8CtbXcN0pvBqQA5R552XHRAyU9Dk77ICvupMZSD4w4YZOsftzyRlgNJKN3QILPNI6uS1CSlz9DVd-A) **東南亞的地理環境**[**https://reurl.cc/EKxzMv**](https://reurl.cc/EKxzMv?fbclid=IwAR3cv-ZqzeMTqxeN3jxB-t1bSBUi1uLgwzFVrSo2-jE8YyUVOXMA7ip42AQ) **南亞的地理環境**[**https://reurl.cc/Rd51lZ**](https://reurl.cc/Rd51lZ?fbclid=IwAR25NPqZEehsNyuXhfwVEZE5Y0hGgquuDhx9jcVlw9f3hAxCEWgJltmIqdA) **西亞的自然環境**[**https://reurl.cc/Nav6d6**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2FNav6d6%3Ffbclid%3DIwAR2L1Fj7anQHEeIIT_ArTIGjOoeb2saU53tKpWpqr9cjo3opItOm24D8API&h=AT04o1h66SKtxOHaKz72bcUCZMy5qX-50qujiRwy6c1hEQF_ChLqwYWe6h-4tY6pWZ5wffyf_6SWPs2XmFVAGew9DKZlAeImOLtO-bT90jTKWWw2yGSI8WQHHgID1USMmFbKHdtw2VD13RVrXYrc1gAR1UvbFw) **中亞的地理環境**[**https://reurl.cc/72GoQd**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2F72GoQd%3Ffbclid%3DIwAR34niBt2C7QAYSXngUTJ6VTj8sNrUIaNA23n1p5DwCH3J1AAIwo5D4EWEU&h=AT1NNFehK0xSaxtr6o6hPek4fqn7FY7YmwJ1c-Eyjz0ZHk83-pgLQEU3P0hyWZ8IuPy0o_-6vclMiayCwnykIYMIb4OOkBxVFzvGRx9KgBAP9s69GPXmAgGs4GWpdfXce7ZhOpHKx246IWMI5_XVLPYeyt_3IA) **歐洲的自然環境**[**https://reurl.cc/0zAO0l**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2F0zAO0l%3Ffbclid%3DIwAR2Ppq40cXWMsPTnxBLEkeYO3Sf4WBFp_hMBkxNbNXBD6igOTu8g071cMDQ&h=AT2WEJd1GcGsNZEUof8WN2m9VyyBnUdhhn--5JzQXTm-7RMfI2TYKnc8xljER1bloDGRObx7UOTa1Uraa9rqlP5f444cNBaxy6LfOuZ_yY08drLaVg6QOTB_-upik809t4F84Wq4Hcrng8NflKCPpCaZzV-GRIbfyQgTu3nb_xw) **南歐的自然環境**[**https://reurl.cc/VaAXlN**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2FVaAXlN%3Ffbclid%3DIwAR2iTRrROcJGaqNbKYhVmnDIGFg16F9ZntH4UOUoIB8I9olX2GUbOke0TjM&h=AT1ULQMD1_92n5kYfIzhHSo7rwjIz8A2-m2yn0AeT3DFRvd3HIiGs64vHTJ3WxbTcYaQn9AqnHmTLKv9LVzRvbNHnOgDiPSmVKTv89SoOA7kc9POmrkp5WX25NULj2hRjtxZ8ghdZWpMQs4Bp16yUYNFxnDbZw) **北歐的地理環境**[**https://reurl.cc/jdz5ZZ**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2Fjdz5ZZ%3Ffbclid%3DIwAR1wPMTNeaTaWVsKImcQPBmwn1tEDxzArHVldbEDkKPgGxakMG4ipYhCJe0&h=AT1ZoEqExoDB4uW4F5g5IoBgt-HCNUnuuAbj-DnGzYf2qbycCj4KvA2tLpDnClb3E0Dfqz9ueifuJWm2tApANRXjBqa6gZXtTMICxOD8jafm_JLJ6x-luX-8H6kVVKDzrHZHSANxVr57DJyAhUQLxDfkDQMs4A) **東歐的地理環境**[**https://reurl.cc/e5R8lj**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2Fe5R8lj%3Ffbclid%3DIwAR3Q1DAg-oaKuO2qRPFGBNuZ2aCt2P-sWed4tyPHm6Os5cH7ukJ511CIQaE&h=AT3TqDynzJtcxAMldQkFU3OkXUup2P-gqVAoVUw3xii-mWzSjdWg5jLHdzQYXM2bVIn-0zmG4spqmFtlLBlPTShzvDP_gkZT48_94luXmSK5LZ3-v5eY83SywYcPdd1SWNl7MJ4wA-GI1RKyJbEbpRFzETi2kw) **俄羅斯的人口與文化**[**https://reurl.cc/VaAXx5**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2FVaAXx5%3Ffbclid%3DIwAR3cKtMFStZrzIA7TGdj-MlbWOIA0J0SaicIUpI5oDrfcCd_kC-eboYttd8&h=AT2BXv1I40cZ-8USJCqBXqzMihcpO4BtuARCRgXglr6H7nkNnqcwCLnGeGlPPheBd8wfp9Ht2AFhRKrdC1swN4Lhot38E2jQh_qtyqV-BEvslHFzdwkCHBgqmHqBacBj6Hu_iPsTqfKCPXoRojzc0ySoDqpGjQ) **俄羅斯的工礦業**[**https://reurl.cc/ZnKGvW**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2FZnKGvW%3Ffbclid%3DIwAR3Y7Uw_NpOi0_dN23FZiAHE0tnP-P2BIzTDeAFCPxw3GTpVg1tlY6gmz-Y&h=AT1m6fO046dn29gt7BPZpMHcBoQf10pwF8PLcIaqHwhjlnimx9FUx75WEdCNUwoAim26XJe6DWxG_mkD7qnfw_E_7KJfur-9ALnX7kvz44BSVzpgp8RS31yXD85-b9hYcSiidMFfZQKyZzZ70Q8Bf4vuQQLFCA) **美洲概述**[**https://reurl.cc/4gKmqV**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2F4gKmqV%3Ffbclid%3DIwAR3KPpUsDBWxZePkIvoItVuK-_Kyd3hOxn74y9Wg9MMzdlxoOCGHTsFHbd4&h=AT1HTNCcsqLQQUUcH6bcob2ws1LOJuWQ-9R1rsiOpVFku40kxtCIifpsa_hOQwc97DwVmz864akuU9eZn7rsaaVfQgcQSUKxMmJqZ7FHMVoq30cL3EUOct_4l7ifChKjo8TkW_gR71MipS9Pd-WXl-ALnnxmRw) **北美洲的地理環境：位置和地**

**形**[**https://reurl.cc/lLmdA6**](https://reurl.cc/lLmdA6?fbclid=IwAR2G5QSobTgB4c7o4RDSpFVvavAg3t6SM2sIjfPBYa9EuMZPm1zovMe-b9I) **北美洲的工業與跨國企業**[**https://reurl.cc/pDlyor**](https://reurl.cc/pDlyor?fbclid=IwAR2D05Txco9_v6Euvsyqh3vSWL3ALVU4mJB007V6OFII75woDtYJmaZk-SA) **商業性農牧業**[**https://reurl.cc/1Q64Mp**](https://reurl.cc/1Q64Mp?fbclid=IwAR2oWjsBVuuskSRvE-kt-8Y0_UCZj3SKYvMdTWD08KQIWr6R13-SA4gj1b8) **中南美洲的地理環境**[**https://reurl.cc/VaAXlQ**](https://reurl.cc/VaAXlQ?fbclid=IwAR0FWL2Vz58Xdi-m8jKy12SvbBUJ2Qt0a02XNr3IKQQPb1S7l9xJZB_FMJ0) **殖民地式經濟**[**https://reurl.cc/lLmdMl**](https://l.facebook.com/l.php?u=https%3A%2F%2Freurl.cc%2FlLmdMl%3Ffbclid%3DIwAR0cj22F-xjyOmFnP-eOnYURM_0OdhjoiMrXfsJItH0zti1te02xtt9PIaQ&h=AT1BIcB-fF502PzuDGbFT5tv2L4_wRqsOGjoVPGgA5dCqNow4aZ0tACH8wV2XCCCClnxqYvxDbyaXa57_B_Qgfv_ZZxZDqjrLxgZ1dGLmrd1CtU5ug0zJOA0bH35xKf1vi9VEMl_J1gRncrepmrBDzfM2Fq04A)

**【國中歷史篇】 感謝**[**Zoe Wu**](https://www.facebook.com/ogiwu?__tn__=%2CdK-R-R&eid=ARCbLKB_3Jhhx7NjHCnwsMXLb1MjhbrCimEcCEkrgaXZ7Fv070jl7HHFW2mU2EJXAj80l-Hfe_Q2wIck&fref=mentions)**老師及陽明佳偉老師**

**歷史科沒有網路的教學影片
  只有宜蓉老師製作會考一至四冊複習PPT、國二下第一**

**課補充講   義、國三下第一課補充講義
  打包於雲端硬碟，給各位親師生自學參考**[**https://tinyurl.com/wf6qm9x**](https://tinyurl.com/wf6qm9x?fbclid=IwAR1xJ_l1pwmO6DKb8Bhhvv6bN1VWbLf_GyIvyO-5_IlMCy0OsjX2OyPXFN4) **請搭配使用PaGamO進行答題複習**[**https://www.pagamo.org/**](https://www.pagamo.org/?fbclid=IwAR2PZ_gfm838PyJNSe12b0GXLaNweq0MaoZPc9Kr9HEYt-da4rlima0wlLo)

**【國中公民篇】 感謝**[**Eileen Peng**](https://www.facebook.com/eileen.peng.9?__tn__=%2CdK-R-R&eid=ARCp2C-1aN8gLWije26BLUZQg9FJyHV9Q2lbpvgoW_nocp5CIjgsB5vHyeeO-EN7-6QtTO16cVA8M2pY&fref=mentions) **感謝過去公民叮在youtube上提供小範圍的短片，每部**

**短片約4-5分鐘，在沒有過度負擔情況下，九年級準**

**考生們可以在抗疫寒假期間自學喔!!**

**請大家善用網路資源，若要引用請註明資料來源出處喔(尊重智慧**

**財產權)還有搭配Pagamo進行檢測**[**https://www.pagamo.org/map?course\_code=GY4LFDN6**](https://www.pagamo.org/map?course_code=GY4LFDN6&fbclid=IwAR2VsTY6V5PTYOhP9NJEPcnxVq2P2XdPTQtu4OTEXX5tBsoTjKiaXoKvo6I) **(試做Pagamo九年級寒假作業公民部分對九年級學生來說作答是**

**OK的)
  相關資料在google雲端硬碟中(其中有一個獨立word檔是高雄市**

**永安國中黃詠真老師協助整理，謝謝詠真老師的細心)**[**https://reurl.cc/qD71Ep**](https://reurl.cc/qD71Ep?fbclid=IwAR0zSvVOxXWU3Ged8mFQIPj-DYKhTdWzOtDs9HxcqaQh06jcKeIoJKkpUoM)

**12.學生學習資源專區\_桃園教育局提供**

[**https://www.tyc.edu.tw/home.jsp?id=531&parentpath=0,41**](https://www.tyc.edu.tw/home.jsp?id=531&parentpath=0,41)

**13.【國中數學篇】**

**課堂上的數學遊戲  24點**[**http://blog.magiclass.net/2012/07/24.html**](http://blog.magiclass.net/2012/07/24.html)

**玩趣數學~翻轉吧！我們的數學教室**[**http://mathwei.blogspot.com/**](http://mathwei.blogspot.com/)

**拼樂五連塊桌遊**[**https://sites.google.com/site/20931genetic/te-se-ke-cheng-she-ji/pinlewuliankuaizhuoyou**](https://sites.google.com/site/20931genetic/te-se-ke-cheng-she-ji/pinlewuliankuaizhuoyou)