～自然線上聯絡簿～

<自然課補充影片>

<六下>
Ch.1

扯鈴
https://youtu.be/Zly8tyyYZPc?feature=shared&t=312

腳踏車
https://youtu.be/AAS0R82BwEE?feature=shared&t=147

滑輪
https://youtu.be/2Sijp9xzhHo?feature=shared&t=95

槓桿原理
https://www.youtube.com/watch?v=YlYEi0PgG1g
https://youtu.be/Byk_PYkl0k4?feature=shared&t=406

投石機
https://www.youtube.com/watch?v=6OM_yEzedq4

阿吉米德
https://www.youtube.com/watch?v=WKeoo9h-PGE

棉花糖挑戰
https://www.youtube.com/watch?v=Fw7js_dVxfo

水獺
https://www.youtube.com/watch?v=eZsIWanm85s
https://www.youtube.com/watch?v=8NjyZG0v84k
https://www.youtube.com/watch?v=fjD5pmPIp9Y
https://www.youtube.com/watch?v=QYlz_IMMyqU

海獺
https://youtu.be/TzkcBy9M1X8?feature=shared&t=930

聖誕節
https://www.facebook.com/Funghikun/videos/%E8%81%96%E8%AA%95%E8%80%81%E4%BA%BA/1787630461473314/

<六上>
Ch.4
電與磁的發現
電磁火車DIY
https://www.youtube.com/watch?v=yBcdfHUh-80

磁浮列車
https://www.youtube.com/watch?v=oazhgOXj15E

【自然系列-物理｜電磁學01】(電與磁的發現) 御前科學對決

https://www.youtube.com/watch?v=RIz9QB_aAsU&ab_channel=%E5%9D%87%E4%B8%80%E6%95%99%E8%82%B2%E5%B9%B3%E5%8F%B0JunyiAcademy

沙漠羅盤
https://youtu.be/eUPahpq7XMg?feature=shared&t=61

海爾貝克方程
https://www.youtube.com/watch?v=pSyG1OwzGjw&ab_channel=%E4%BD%91%E4%BE%86%E4%BA%86

地磁
https://www.youtube.com/watch?v=AJFF2VkR3Do&list=PL7zP71Dtd2JFsdUb2HbD9v3aMfHDGqMun&index=9&ab_channel=%E5%9D%87%E4%B8%80%E6%95%99%E8%82%B2%E5%B9%B3%E5%8F%B0JunyiAcademy

https://www.youtube.com/watch?v=3L54LUUjbjg&list=PL7zP71Dtd2JFsdUb2HbD9v3aMfHDGqMun&index=3&ab_channel=%E6%95%B8%E4%BD%8D%E5%85%A7%E5%AE%B9%E8%B3%87%E6%BA%90%E6%9C%8D%E5%8B%99%E8%A8%88%E7%95%AB

Ch.3
蝸牛
https://www.youtube.com/watch?v=ajOJcZZunvs&ab_channel=%E8%BE%B2%E6%A5%AD%E9%83%A8%E8%99%9B%E6%93%AC%E5%8D%9A%E7%89%A9%E9%A4%A8

細胞學說
https://youtu.be/9mbuna6hsyk?feature=shared

細胞&細胞核
https://youtu.be/qFN3RQ9bUXA?feature=shared

血液循環
https://youtu.be/mO3BHmRn6pY?feature=shared&t=36

https://youtu.be/0684vKp3UCE?feature=shared&t=37

神經系統
https://youtu.be/MKKVheeiIvQ?feature=shared&t=38

呼吸作用
https://youtu.be/OZIOIl3raoc?feature=shared&t=40

呼吸系統
https://www.junyiacademy.org/junyi-science/science-juni/junyi-middle-school-biology/s4bhd-/v/F3WH0NNzirE

林奈命名法
https://youtu.be/nSvt99u3rOw?feature=shared&t=35

肺臟
https://youtu.be/XZFKl9sIbIU?feature=shared&t=27

鯨豚
https://www.youtube.com/watch?v=DliNAXydlj0&list=PL12UaAf_xzfqa2HaFks7ubluiTIATT1Dk&index=2

蛇
https://www.youtube.com/watch?v=aIrEA0gLpdE&list=PL12UaAf_xzfqa2HaFks7ubluiTIATT1Dk&index=1

https://www.youtube.com/watch?v=-9TyDrBu34g&ab_channel=%E8%A8%B1%E4%BC%AF%26%E7%B0%A1%E8%8A%9D%E2%80%94%E5%80%89%E9%BC%A0%E4%BA%BA

鴿子
https://www.youtube.com/watch?v=pRrk5HyPEZ4&ab_channel=%E8%A8%B1%E4%BC%AF%26%E7%B0%A1%E8%8A%9D%E2%80%94%E5%80%89%E9%BC%A0%E4%BA%BA

柴犬
https://www.youtube.com/watch?v=QOZKJ08edeg&ab_channel=%E8%A8%B1%E4%BC%AF%26%E7%B0%A1%E8%8A%9D%E2%80%94%E5%80%89%E9%BC%A0%E4%BA%BA

蝸牛
https://www.youtube.com/watch?v=CwUFRbwPZbo&ab_channel=TheNatureRealm

蚯蚓
https://www.youtube.com/watch?v=0Texxu3p7I8&ab_channel=CarlBarrentine

章魚
https://www.youtube.com/watch?v=TFzpC_e44Tg&ab_channel=BBC

蛤
https://www.youtube.com/watch?v=_nEf6rMsC98&ab_channel=%E9%BB%83%E7%B6%AD%E6%95%8F

https://www.youtube.com/watch?v=yOI0hIqZdIk&ab_channel=%E5%8F%B0%E8%A6%96%E6%96%B0%E8%81%9ETTVNEWS

骨骼
https://youtu.be/GvIzhDDZagU?feature=shared&t=986
https://youtu.be/GvIzhDDZagU?feature=shared&t=986

飛行
https://youtu.be/oW0PDQIKtHY?feature=shared&t=117
https://youtu.be/cdCxmGxppr4?feature=shared&t=123

Ping Pong Tree Sponge
https://www.youtube.com/watch?v=racXyXF71C4

地震
https://www.youtube.com/watch?v=mUPYCDPZMP8&ab_channel=TVBSNEWS
https://www.youtube.com/watch?v=AHGdVBpi5g8&ab_channel=USTV%E9%9D%9E%E5%87%A1%E9%9B%BB%E8%A6%96
https://www.youtube.com/watch?v=NugZxe2yUJ8&ab_channel=%E8%83%A1%E5%AD%90Huzi
https://www.youtube.com/watch?v=Ah4dVCK_xfs&ab_channel=%E7%A7%91%E7%A7%91%E6%8A%B1%E6%8A%B1

~~~~~~

無殼蛋
https://www.youtube.com/watch?v=K7maNVPtm8E&ab_channel=%E8%83%A1%E5%AD%90Huzi

蝶豆花飲品
https://www.youtube.com/watch?v=JcqrI9VvI_Q

石蕊試紙
https://youtu.be/HNao9-HPbZU?feature=shared&t=23

酸鹼分辨
https://youtu.be/C5KdTVB6I3I?feature=shared&t=20
https://youtu.be/iMn1jCV637w?feature=shared&t=16

水溶液
https://www.youtube.com/watch?v=zbwObD8fWZI

花粉症
https://www.youtube.com/watch?v=sRWMXLCBNYw
https://www.youtube.com/watch?v=vY4PsmpxOj4

黑糖
https://www.youtube.com/watch?v=ipLkctdZ0C8

汽水
https://www.youtube.com/watch?v=sAngdMAWPqE

曬鹽
https://www.youtube.com/watch?v=FBSAeh9OA7g
https://www.youtube.com/watch?v=ETJsK-FAYno

蒸餾
https://www.youtube.com/watch?v=lE5WpfyjzE4

元素的定義
https://youtu.be/YAgsPrNdK1Y?feature=shared&t=22
~~~~~~

聖嬰現象
https://youtu.be/syvmhvmUyO0?feature=shared&t=35

臭氧層
https://youtu.be/1qtk_JDCyzU?feature=shared&t=35

溫室效應
https://youtu.be/RzILUuJ-it8?feature=shared&t=35

溫室氣體
https://www.youtube.com/watch?v=KxTPTMbVGEU

碳足跡
https://www.youtube.com/watch?v=O49PY16RATs

珊瑚白化
https://www.youtube.com/watch?v=ILtPxGN733k

永凍層釋放甲烷
https://www.youtube.com/watch?v=zMNGZFQZXxc

藤原效應
https://www.youtube.com/watch?v=60JbfSJsaCk&ab_channel=%E5%BC%B5%E6%99%AF%E8%B6%85

Super Cell
https://youtu.be/cUVSW7r-2qc?feature=shared

颱風
https://youtu.be/di7CN1Qcahs?feature=shared&t=117

颱風-魔羯
https://www.youtube.com/watch?v=yCUi-U_7UjE

氣團
https://www.youtube.com/watch?v=RJAKmFXhTu0

鋒面雨
https://youtu.be/my8TkJYgf1M?feature=shared&t=18

氣象雲圖
https://www.cwa.gov.tw/V8/C/W/OBS_Sat.html

比熱
https://youtu.be/2iZdSlK_4NE?feature=shared&t=22

洋流

https://www.youtube.com/watch?v=hjcI9v3jlj0

黑潮
https://youtu.be/tWYaVGI0ji4?feature=shared&t=2
https://www.youtube.com/watch?v=JQXs-qfi-eQ

雲霧製造
https://www.youtube.com/watch?v=15fvxC2KRDc

人造雨
https://www.youtube.com/watch?v=dQz4phnTAMs
https://www.youtube.com/watch?v=832hE1ketmE

雪
https://www.youtube.com/watch?v=dMI4UDCATWo

人造雪
東京下9月雪？！東奧要用人造雪抗暑
https://www.youtube.com/watch?v=4o4O_3D7GpE&ab_channel=%E7%B9%81%E6%98%9F%E8%82%B2%E6%88%90%E7%A7%91%E5%AD%B8%E5%AF%A6%E9%A9%97%E5%AE%A4

冰雹
https://www.youtube.com/watch?v=aTRj6IK3gfU
https://www.youtube.com/watch?v=Snh94-jaryg

無尾熊
https://youtu.be/DliNAXydlj0?feature=shared&t=115
https://www.youtube.com/watch?v=u7fPj3o_1HY

實驗室
https://www.youtube.com/watch?v=09WpxuyfD2I
https://www.youtube.com/watch?v=xLqUq6JJWaE
https://www.youtube.com/watch?v=L6ziRwFgICM

北極熊
https://www.youtube.com/watch?v=0Pi0Pd4Cvqg
https://www.youtube.com/watch?v=9y3v17-BWB4

電影
https://www.youtube.com/watch?v=W40j1Y1QDaI
https://www.youtube.com/watch?v=59iD8WKyHyA

霜害
南投仁愛鄉霜害 茶農慘賠3億

冰霰

https://www.youtube.com/watch?v=O4es_uSSF-