

自然科學雙語實驗教學影片(6年級)

1. 6-1-1A 天氣的變化-實驗一-模擬自然中的雲、霧、露、霜-實驗示範
Weather Changes: Experiment 1 - Simulating Cloud, Fog, Dew, and Frost in Nature - Experimental Demonstration
<https://youtu.be/OAcIDT3a7qw>
2. 6-1-1B 天氣的變化-實驗一-模擬自然中的雲、霧、露、霜-常見學生實驗問題
Weather Changes: Experiment 1 - Simulating Cloud, Fog, Dew, and Frost in Nature - Student's FAQ
<https://youtu.be/tn79rrrage0>
3. 6-1-2A 天氣的變化-實驗二、冷暖氣團交會實驗-實驗示範
Weather Changes: Experiment 2 - Convergence of Cold and Warm Air Masses - Experimental Demonstration
<https://youtu.be/KLv29Ed7z1o>
4. 6-1-2B 天氣的變化-實驗二、冷暖氣團交會實驗-常見學生實驗問題
Weather Changes: Experiment 2 - Convergence of Cold and Warm Air Masses - Student's FAQ
https://youtu.be/dBiwZ_ULHYM
5. 6-2-1A 熱對物質的影響- 實驗三、固體、液體與氣體受熱後的體積變化 -實驗示範
The Effects of Heat on Materials: Experiment 3 - Volume Changes in Heating Solid, Liquid, and Gas - Experimental Demonstration
https://youtu.be/Sx9jTY7M_-0
6. 6-2-1B 熱對物質的影響- 實驗三、固體、液體與氣體受熱後的體積變化 -學生常見問題
The Effects of Heat on Materials: Experiment 3 - Volume Changes in Heating Solid, Liquid, and Gas - Student's FAQ
<https://youtu.be/ZpZOeNzk2b8>
7. 6-2-2A 熱對物質的影響-實驗四、熱的傳導-實驗示範
The Impact of Heat on Matter: Experiment 4 - The Conduction of Heat - Experimental Demonstration
<https://youtu.be/p9Xkm9ShXAs>
8. 6-2-2B 熱對物質的影響-實驗四、熱的傳導-學生常見問題
The Impact of Heat on Matter: Experiment 4 - The Conduction of Heat - Student's FAQ
https://youtu.be/kdCdZoh_uis

9. 6-2-3A 熱對物質的影響-實驗五、保溫效果實驗比較-實驗示範

The Impact of Heat on Matter: Experiment 5 - Thermal Insulation of Various Materials - Experimental Demonstration

<https://youtu.be/msXBLOLhFio>

10. 6-2-3B 熱對物質的影響-實驗五、保溫效果實驗比較-常見學生實驗問題

The Impact of Heat on Matter: Experiment 5 - Thermal Conservation of Various Materials - Student's FAQ

<https://youtu.be/U4gNbvDGd8Q>

11. 6-3-1A 地表的變化-實驗六、河道的沖刷作用-實驗示範

Changes on Earth's Surface: Experiment 6 - Hydraulic Action of River Courses - Experimental Demonstration

<https://youtu.be/kXHMczkncfk>

12. 6-3-1B 地表的變化-實驗六、河道的沖刷作用-學生常見問題

Changes on Earth's Surface: Experiment 6 - Hydraulic Action of River Courses - Student's FAQ

<https://youtu.be/ZJriYklBzws>

13. 6-3-2A 地表的變化- 實驗七、礦石的硬度比較 -實驗示範

Changes on Earth's Surface: Experiment 7 - The Hardness of Minerals - Experimental Demonstration

<https://youtu.be/hicCIJmFfJs>

14. 6-3-2B 地表的變化- 實驗七、礦石的硬度比較 -注意事項

6-3-2B Changes on Earth's Surface:The Hardness of Materials - Student's FAQ

<https://youtu.be/lylBIs3AzFE>

15. 6-3-3A 地表的變化- 實驗八、土壤的過濾作用 -實驗示範

6-3-3A Changes on Earth's Surface: Soil Filtration - Experimental Demonstration

<https://youtu.be/qMKcDNLc0Y>

16. 6-2-3B 熱對物質的影響- 實驗五、保溫效果實驗比較- 常見學生實驗問題

6-3-3B Changes on Earth's Surface: Soil Filtration - Student's FAQ

<https://youtu.be/OKIf2HXc-5w>

17. 6-4-1A 電磁作用 實驗九、認識磁鐵與指北針與電流磁效應 實驗示範

6-4-1A Effects of Electromagnetism: Getting to Know Magnets, Compass, and Electromagnetism - Experimental Demonstration

<https://youtu.be/mGfzKegQ1ko>

18. 6-4-1B 電磁作用- 實驗九、認識磁鐵與指北針與電流磁效應 -注意事項
6-4-1B Effects of Electromagnetism: Getting to Know Magnets, Compass, and Electromagnetism - Student's FAQ
<https://youtu.be/wNkMboeo87w>
19. 6-4-2A 電磁作用- 實驗十、自製電磁鐵 -實驗示範
6-4-2A Effects of Electromagnetism: Make Our Own Electromagnet - Experimental Demonstration
<https://youtu.be/k3HMY5jdmHE>
20. 6-4-2B 電磁作用 實驗十、自製電磁鐵 常見學生實驗問題
6-4-2B Effects of Electromagnetism: Make Our Own Electromagnet - Student's FAQ
<https://youtu.be/ECBN2j2SAEU>
21. 6-5-1A 簡單機械構造- 實驗十一、槓桿作用與省力工具 -實驗示範
6-5-1A Simple Machines: Leverage and Effort Saving Tools - Experimental Demonstration
<https://youtu.be/3aZZiaF2xj8>
22. 6-5-1B 簡單機械構造 實驗十一、槓桿作用與省力工具 常見學生實驗問題
6-5-1B Simple Machines: Lever and Wheel and Axle - Student's FAQ
<https://youtu.be/JI9ZZiNmIq4>
23. 6-5-2A 簡單機械構造- 實驗十二、滑輪作用定滑輪與動滑輪、齒輪與鏈條實驗 -實驗示範
6-5-2A Simple Machines: Pulley and Gear - Experimental Demonstration
<https://youtu.be/dt0te1E0n7s>
24. 6-5-2B 簡單機械構造-實驗十二、滑輪作用、齒輪與鏈條實驗-常見學生實驗問題
6-5-2B Simple Machines: Pulley and Gear - Student's FAQ
<https://youtu.be/SJNw84cagP4>
25. 6-6-1A 防鏽與防腐-實驗十三、吐司在不同情況下發霉比較-實驗示範
6-6-1A Rot and Rust Prevention: Comparison of the Molding of Bread Under Different Conditions - Experimental Demonstration
<https://youtu.be/Tf4BE3INaLO>
26. 6-6-1B 防鏽與防腐--實驗十三、吐司在不同情況下發霉比較-學生常見問題
6-6-1B Rot and Rust Prevention: Comparison of the Molding of Bread Under Different Conditions - Student's FAQ
<https://youtu.be/Hoxj8kKovaY>

27. 6-6-2A 防鏽與防腐-實驗十四、鋼棉在不同情況下生鏽比較-實驗示範
6-6-2A Rot & Rust Prevention: Comparison of the Rusting of Steel Wool Under Different Conditions - Experimental Demonstration
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28. 6-6-2B 防鏽與防腐-實驗十四、鋼棉在不同情況下生鏽比較-學生常見問題
6-6-2B Rot & Rust Prevention: Comparison of the Rusting of Steel Wool Under Different Conditions- Student's FAQ
<https://youtu.be/IKMjQaQXAzU>
29. 6-7-1A 生物與環境-實驗十五、生物與環境桌遊
6-7-1A Organisms and Environments: Organisms and Environment Card Game - Experimental Demonstration
https://youtu.be/MUDx_Ooxd0
30. 6-7-1B 生物與環境-實驗十五、生物與環境桌遊
6-7-1B Organisms and Environments: Organisms and Environment Card Game - Test Play
<https://youtu.be/cFMGMmSmZlo>
31. 6-7-2A 生物與環境- 實驗十六、PM2.5 口罩過濾實驗 -實驗示範
6-7-2A Organisms and Environments: Filter Experiment with PM2.5 Masks - Experimental Demonstration
<https://youtu.be/KuTNYsRhZ04>
32. 6-7-2B 生物與環境-實驗十六、PM2.5 口罩過濾實驗-常見學生實驗問題
6-7-2B Organisms and Environments: Filter Experiment with PM2.5 Masks - Student's FAQ
<https://youtu.be/CvEDdJAo-co>