

## Dale's Videos #2

Title	Subject	Year level	You tube
Air sampling particulates and NO <sub>2</sub>	Env Sci	11	<a href="https://youtu.be/pE3BWzHr8Xs">https://youtu.be/pE3BWzHr8Xs</a>
Algae balls photosynthesis	Biology	12	<a href="https://youtu.be/BioizoM-u3o">https://youtu.be/BioizoM-u3o</a>
Biol DNA extraction from onion	Biology	Any	<a href="https://www.youtube.com/watch?v=kBDUX3DfIO8">https://www.youtube.com/watch?v=kBDUX3DfIO8</a>
Biol Potato osmosis	Biology	12	<a href="https://youtu.be/St-X6sZf_7g">https://youtu.be/St-X6sZf_7g</a>
Biology plant transport	Biology	11	<a href="https://youtu.be/AWaBX7k-1Wk">https://youtu.be/AWaBX7k-1Wk</a>
Calorimeter calibration and using with HCl plus Mg powder and HCl plus NaOH	Chemistry	12	<a href="https://youtu.be/r5onSgo8-oQ">https://youtu.be/r5onSgo8-oQ</a>
Calorimeter for SAC prac, condensed calibration and KNO <sub>3</sub>	Chemistry	12	<a href="https://youtu.be/JxcC0kj77CM">https://youtu.be/JxcC0kj77CM</a>
Chemistry Sodium acetate stalagmite	Chemistry	Any	<a href="https://youtu.be/O58df2NueqE">https://youtu.be/O58df2NueqE</a>
Chromatography of plant extract	Biology	12	<a href="https://youtu.be/7HyVSculjQO">https://youtu.be/7HyVSculjQO</a>
Corrosion of iron using hexacyanoferrate	Chemistry	11	<a href="https://youtu.be/Klmrt1YddvA">https://youtu.be/Klmrt1YddvA</a>
Covalent lattice properties	Chemistry	11	<a href="https://youtu.be/IEsf5uoQSkA">https://youtu.be/IEsf5uoQSkA</a>
DNA extraction – strawberry	Biology	Any	<a href="https://www.youtube.com/watch?v=QOX4rh_Mbc&amp;t=7s">https://www.youtube.com/watch?v=QOX4rh_Mbc&amp;t=7s</a>
Effect of conc on equilibrium position	Chemistry	12	<a href="https://www.youtube.com/watch?v=vWzupSGhj4&amp;t=3s">https://www.youtube.com/watch?v=vWzupSGhj4&amp;t=3s</a>
Effect of temp change on equilibrium position	Chemistry	12	<a href="https://www.youtube.com/watch?v=NBSqjCN68ds">https://www.youtube.com/watch?v=NBSqjCN68ds</a>
Electrolysis of aqueous solutions	Chemistry	12	<a href="https://www.youtube.com/watch?v=u7vHbXVKANK&amp;t=36s">https://www.youtube.com/watch?v=u7vHbXVKANK&amp;t=36s</a>
Endothermic exothermic reactions	Chemistry	9	<a href="https://youtu.be/zCedR1QjvNM">https://youtu.be/zCedR1QjvNM</a>
Greenhouse gases	Env Sci	12	<a href="https://youtu.be/B_Rls6GA2qM">https://youtu.be/B_Rls6GA2qM</a>
Hand hygiene	Biology	12	<a href="https://www.youtube.com/watch?v=dFdwW4zlow8">https://www.youtube.com/watch?v=dFdwW4zlow8</a>
Herschels experiment	Physics	10	<a href="https://youtu.be/OiLBOTyYRqQ">https://youtu.be/OiLBOTyYRqQ</a>
Measuring energy value in candle wax	Env Sci	12	<a href="https://youtu.be/rLohzFHYkcM">https://youtu.be/rLohzFHYkcM</a>
Neutralisation of acid with antacid tablet	Chemistry	9	<a href="https://youtu.be/XvL2MmcMZTI">https://youtu.be/XvL2MmcMZTI</a>
NO <sub>2</sub> gas and pressure and temp changes	Chemistry	12	<a href="https://youtu.be/Xj6vnqvsSgw">https://youtu.be/Xj6vnqvsSgw</a>
Precipitation reactions	Chemistry	Any	<a href="https://youtu.be/oDQBpIsj3CQ">https://youtu.be/oDQBpIsj3CQ</a>
Projectile launcher prac	Physics	Any	<a href="https://youtu.be/DU7CAA2ZTIs">https://youtu.be/DU7CAA2ZTIs</a>
Reaction rate and concentration – thiosulfate	Chemistry	12	<a href="https://www.youtube.com/watch?v=9fUCkeCVtME&amp;t=10s">https://www.youtube.com/watch?v=9fUCkeCVtME&amp;t=10s</a>
Reaction rate and temperature – thiosulfate	Chemistry	12	<a href="https://www.youtube.com/watch?v=dbEWDmBOQck&amp;t=42s">https://www.youtube.com/watch?v=dbEWDmBOQck&amp;t=42s</a>
Reaction rate change in conc of HCl with marble chips.	Chemistry	10	<a href="https://youtu.be/eUUyujTGDxO">https://youtu.be/eUUyujTGDxO</a>
Reaction rate change in surface area of marble chip with HCl	Chemistry	10	<a href="https://youtu.be/xjtyJp4bjPs">https://youtu.be/xjtyJp4bjPs</a>
Reaction rate change in temp HCl and marble chips	Chemistry	10	<a href="https://youtu.be/GyOLjFRRwMU">https://youtu.be/GyOLjFRRwMU</a>
Reaction rate temp and conc – marble chips	Chemistry	12	<a href="https://www.youtube.com/watch?v=2EJUji-Vie8&amp;t=41s">https://www.youtube.com/watch?v=2EJUji-Vie8&amp;t=41s</a>
Reactivity of metal with HCl	Chemistry	10	<a href="https://youtu.be/AzI2ImMAkys">https://youtu.be/AzI2ImMAkys</a>
Reactivity of Zinc with HCl	Chemistry	Any	<a href="https://youtu.be/OUxQd7z4FU">https://youtu.be/OUxQd7z4FU</a>
Reactivity series of metals	Chemistry	11	<a href="https://youtu.be/2aKNM6VPadc">https://youtu.be/2aKNM6VPadc</a>
Starch in leaves	Biology	11	<a href="https://youtu.be/bA1So6_m49M">https://youtu.be/bA1So6_m49M</a>
Surface area to volume agar prac	Biology	11	<a href="https://youtu.be/zDORVb_g95U">https://youtu.be/zDORVb_g95U</a>
Titration technique (made 2002)	Chemistry	12	<a href="https://youtu.be/T4T-vLUiiw0">https://youtu.be/T4T-vLUiiw0</a>
Titration with Methyl Orange made 2002)	Chemistry	12	<a href="https://youtu.be/JEp_pwJ4t9A">https://youtu.be/JEp_pwJ4t9A</a>
Titration with Phenolphthalein (made 2002)	Chemistry	12	<a href="https://youtu.be/iQb6aoOVDgA">https://youtu.be/iQb6aoOVDgA</a>
Pluck and heart dissection	PE, Biol	Any	<a href="https://youtu.be/RxKeRfj8BTo">https://youtu.be/RxKeRfj8BTo</a>
Refraction of light	Physics	9,10	<a href="https://youtu.be/t66n9oyyFHE">https://youtu.be/t66n9oyyFHE</a>
Virtual images	Physics	9,10	<a href="https://youtu.be/AarcorbxicA">https://youtu.be/AarcorbxicA</a>
Internal reflection	Physics	9,10	<a href="https://youtu.be/YHa0zic6Kgc">https://youtu.be/YHa0zic6Kgc</a>
Colour in bubbles	Physics	9,10	<a href="https://youtu.be/pE3BWzHr8Xs">https://youtu.be/pE3BWzHr8Xs</a>
Making sealed Ecosystem	Biology	9-Oct	<a href="https://youtu.be/Ne3j2ixxGNE">https://youtu.be/Ne3j2ixxGNE</a>
Gravimetric det of S in fertiliser	Chemistry	11	<a href="https://youtu.be/IT3Y21MM4xQ">https://youtu.be/IT3Y21MM4xQ</a>
Microscope video	Biology	11	<a href="https://youtu.be/xbo6WCzTknA">https://youtu.be/xbo6WCzTknA</a>
Helicopter drop	General	10	<a href="https://youtu.be/BnKk8SCleq8">https://youtu.be/BnKk8SCleq8</a>
Leaf disk photosynthesis	Biology	12	<a href="https://youtu.be/Gldj2QRb8_E">https://youtu.be/Gldj2QRb8_E</a>
Infrared camera practicals	Physics	10, 11, 12	<a href="https://youtu.be/GCag2ZlyBNs">https://youtu.be/GCag2ZlyBNs</a>