

YouTube Videos by Dale Carroll , Geelong College, Newtown , Victoria

Title	Year level
Biology:	
Microscope video	11
Starch in leaves	11
Surface area to volume agar prac	11
Transport in Plants	11
Algae balls photosynthesis	12
Chromatography of plant extract	12
Hand hygiene	12
Leaf disk photosynthesis	12
Potato osmosis	12
Making sealed Ecosystem	9 &10
DNA extraction – strawberry	Any
DNA extraction from onion	Any
Pluck and heart dissection	Any
Chemistry :	
Endothermic exothermic reactions	9
Neutralisation of acid with antacid tablet	9
Reaction rate change in conc of HCl with marble chips.	10
Reaction rate change in surface area of marble chip with HCl	10
Reaction rate change in temp HCl and marble chips	10
Reactivity of metal with HCl	10
Corrosion of iron using hexacyanoferrate	11
Covalent lattice properties	11
Gravimetric determination of Sulphur in fertiliser	11
Reactivity series of metals	11
Calibration of a calorimeter (HCl + Mg powder and HCl + NaOH)	12
Calorimeter calibration (minus set-up) and KNO₃ dissolution.	12
Effect of concentration on equilibrium position	12
Effect of temperature on equilibrium position	12
Electrolysis of aqueous solutions	12
NO₂ gas and pressure and temp changes	12
Reaction rate and concentration – thiosulfate	12
Reaction rate and temperature – thiosulfate	12
Reaction rate temp and conc – marble chips	12

<u>Titration technique (made 2002)</u>	12
<u>Titration with Methyl Orange made 2002)</u>	12
<u>Titration with Phenolphthalein (made 2002)</u>	12
<u>Precipitation reactions</u>	Any
<u>Reactivity of Zinc with HCl</u>	Any
<u>Sodium acetate stalagmite</u>	Any
Physics:	
<u>Internal reflection</u>	9,10
<u>Refraction of light</u>	9,10
<u>Virtual images</u>	9,10
<u>Herschels experiment</u>	10
<u>Demonstrations using the infrared camera to show heat</u>	10, 11, 12
<u>Projectile launcher prac</u>	Any
Other :	
<u>Air sampling particulates and NO₂</u>	11
<u>Greenhouse gases</u>	12
<u>Measuring energy value in candle wax</u>	12
<u>Helicopter drop</u>	10