

Subject	Experiment Title	Level	Unit	Link
Chemistry	Elephants toothpaste	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/z4n82hv/revision/6
Chemistry	Sign of a chemical reaction - colour change	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/z4n82hv/revision/2
Chemistry	Sign of a chemical reaction - Effervescence (bubbles)	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/z4n82hv/revision/3
Chemistry	Sign of a chemical reaction - Precipitation (solid being formed)	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/z4n82hv/revision/4
Chemistry	Sign of a chemical reaction - Exothermic reaction (heat being given off)	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/z4n82hv/revision/5
Chemistry	Endothermic reaction	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/z4n82hv/revision/5
Chemistry	Making a salt	National 4	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zkfwxnb/revision/6
Chemistry	Reactions of metals with an acid	National 4	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zjb2pv4/revision/3
Chemistry	Reactions of metals with oxygen	National 4	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zjb2pv4/revision/4
Chemistry	Corrosion of iron	National 4	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zjb2pv4/revision/5
Chemistry	Electrochemical cell	National 4	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zjb2pv4/revision/6
Chemistry	Electrolysis of Copper Chloride solution	National 4	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zjb2pv4/revision/7
Chemistry	One beaker cell	National 4	Chemistry in society	https://www.youtube.com/watch?v=nit_msHGAtM&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=16
Chemistry	Hydrocarbons combustion	National 4	Nature's Chemistry	https://www.bbc.co.uk/bitesize/guides/z8vj6sg/revision/3
Chemistry	Cracking of alkanes	National 4	Nature's Chemistry	https://www.bbc.co.uk/bitesize/guides/zdvqtfr/revision/3
Chemistry	Trends of Alkanes introduction	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=00VtxfeHitI&list=PL2doW68jk7MTUZCLW9FCrhI9fheNBVdQ&index=19
Chemistry	Trends of Viscosity in Alkanes	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=7Yi22Gymww&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=35
Chemistry	Trends of Alkanes E of E	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=VbNSpLWKwfo&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=37
Chemistry	Trends of Alkanes Flammability	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=n_bk5f27KeQ&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=36
Chemistry	Trends of Alkanes Flammability	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=n_bk5f27KeQ&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=36
Chemistry	Trends in physical properties of alkanes	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=vTwh8tVpQaw&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=18

Chemistry	Testing with Benedict's reagent	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=TFWgGMbO3O4&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=17
Chemistry	Hydrolysis of starch	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=sV7aFqSG_lw&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=15
Chemistry	Testing with iodine solution	National 4	Nature's Chemistry	https://www.youtube.com/watch?v=zCQvtTgTQg0&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=14
Chemistry	Average rates of reaction	National 5	Chemical changes	https://www.youtube.com/watch?v=MyzEnpk_o&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=27
Chemistry	Magnesium oxide	National 5	Chemical changes	https://www.youtube.com/watch?v=YVLGrd1_BeY&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=28
Chemistry	Electrolysis of Copper Chloride solution	National 5	Chemical changes	https://www.youtube.com/watch?v=deZUmjINc9w&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=26
Chemistry	Factors affecting rates of reaction	National 5	Chemical changes	https://www.youtube.com/watch?v=MLuOwNCEaRY&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=31
Chemistry	Burning of sodium in chlorine to make sodium chloride	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/3
Chemistry	Elephants toothpaste	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/6
Chemistry	Investigate the effect of carbon dioxide on the pH of water	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zsmgpbk/revision/1
Chemistry	Making a salt	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zsmgpbk/revision/4
Chemistry	Endothermic reaction	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/1
Chemistry	Sign of a chemical reaction - Effervescence (bubbles)	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/1
Chemistry	Sign of a chemical reaction - Precipitation (solid formed)	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/1
Chemistry	Sign of a chemical reaction - Thermal decomposition (colour change)	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/1
Chemistry	Using a gas syringe	National 5	Chemical changes and structures	https://www.bbc.co.uk/bitesize/guides/zct4fcw/revision/7
Chemistry	Making hydrogen over water	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/2
Chemistry	Titration	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx6csrd/revision/7
Chemistry	Reaction of metals with oxygen	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/2
Chemistry	Corrosion of iron	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/2
Chemistry	Reacting metals with acid	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/2
Chemistry	Precipitation	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx6csrd/revision/4
Chemistry	Filtration - separating an insoluble solid from a liquid	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx6csrd/revision/5
Chemistry	Making hydrogen over water	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/2
Chemistry	Titration	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx6csrd/revision/7

Chemistry	Gas tests	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx6csrd/revision/3
Chemistry	Electrolysis of Copper Chloride solution	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/6
Chemistry	Electrochemical cell	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zx2bh39/revision/7
Chemistry	How to measure half-life of a radioactive sample	National 5	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/zxxrng8/revision/5
Chemistry	Displacement	National 5	Chemistry in society	https://www.youtube.com/watch?v=wEqWsuEs89w&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=41
Chemistry	Iron with copper sulfate	National 5	Chemistry in society	https://www.youtube.com/watch?v=S9Zps9ddcpl&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=42
Chemistry	One beaker cell	National 5	Chemistry in society	https://www.youtube.com/watch?v=niT_msHGAtM&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=16
Chemistry	Two beaker cell non-metal electrodes	National 5	Chemistry in society	https://www.youtube.com/watch?v=mCq9Y20QZ3M&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=13
Chemistry	Two beaker cell metal electrodes	National 5	Chemistry in society	https://www.youtube.com/watch?v=2pLMo4Mducw&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=12
Chemistry	Hydrocarbons combustion	National 5	Nature's Chemistry	https://www.bbc.co.uk/bitesize/guides/zw4tw6f/revision/6
Chemistry	Trends of Alkanes introduction	National 5	Nature's Chemistry	https://www.youtube.com/watch?v=00VtxfeHitl&list=PL2doW68jk7MTUZCLWI9FCrhI9fheNBvdQ&index=19
Chemistry	Trends of Viscosity in Alkanes	National 5	Nature's Chemistry	https://www.youtube.com/watch?v=7Yi22Gymww&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=35
Chemistry	Trends of Alkanes E of E	National 5	Nature's Chemistry	https://www.youtube.com/watch?v=VbNSpLWKwfo&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=37
Chemistry	Solubility of carboxylic acids	National 5	Nature's Chemistry	https://www.youtube.com/watch?v=8BEfIAs69Bg&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=22
Chemistry	Trends in physical properties of alcohols	National 5	Nature's Chemistry	https://www.youtube.com/watch?v=m8PL2ebY3XM&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=24
Chemistry	Trends in physical properties of alkanes	National 5	Nature's Chemistry	https://www.youtube.com/watch?v=vTwh8tVpQaw&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=18
Chemistry	Conductivity of ionic melt	National 5		https://www.youtube.com/watch?v=BitsoaWADeM&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=11
Chemistry	Conductivity of ionic solid and ionic solution	National 5		https://www.youtube.com/watch?v=tsJxRUSKPlk&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=9
Chemistry	Conductivity of covalent solid and covalent solution	National 5		https://www.youtube.com/watch?v=QmAjuv-Mzv4&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=8
Chemistry	Precipitation reaction	National 5		https://www.youtube.com/watch?v=9jx0u4PQZHk&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=7
Chemistry	Making a soluble salt for an insoluble metal carbonate and an acid	National 5		https://www.youtube.com/watch?v=HnkW7STde_Y&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=5
Chemistry	Conductivity of a covalent liquid	National 5		https://www.youtube.com/watch?v=UK8sEKT9QGA&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=3
Chemistry	Potassium permanganate solution and sodium sulphite solution	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=r0BrigTcY&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=39
Chemistry	Potassium permanganate solution and potassium iodide solution	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=LWQvcO0RpxE&list=PL2doW68jk7MQcHGKLFDCsAwBWktFqboCR&index=40

Chemistry	Iodine solution and sodium sulfite	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=Uhte2DyWxh4&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=44
Chemistry	Iron with copper sulfate	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=hiMj6dbxVv8&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=43
Chemistry	Miscibility of compounds	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=GFJcMOaSags&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=23
Chemistry	The effect of hydrogen bonding on viscosity	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=2-QSjmKw_OE&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=20
Chemistry	Charged rod experiment	Higher	Chemical changes & structure	https://www.youtube.com/watch?v=DWny1Q1Gf2U&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=19
Chemistry	Thin layer chromatography of plant pigment	Higher	Chemistry in society	https://www.bbc.co.uk/bitesize/guides/ztkdd2p/revision/2
Chemistry	Oxidation of alcohols	Higher	Nature's Chemistry	https://www.bbc.co.uk/bitesize/guides/zyq22hv/revision/2
Chemistry	Oxidation of Carbonyl compounds	Higher	Nature's Chemistry	https://www.bbc.co.uk/bitesize/guides/zyq22hv/revision/2
Chemistry	Oxidation of Carbonyl compounds	Higher	Nature's Chemistry	https://www.youtube.com/watch?v=cf1qkUocftw&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=21
Chemistry	Formation of esters	Higher	Nature's Chemistry	https://www.youtube.com/watch?v=tBOzmHeO3m4&list=PL2doW68jk7MQcHGKLFDCSAwBWktFqboCR&index=45