



The Big Bang

UK Young Scientists & Engineers Fair

Regional Fair	School name	Project Title
Northern Ireland	Abbey Christian Brothers Grammar School	CPR Assistant
Northern Ireland	Abbey Grammar School, Newry	Specs Detector
Wales	Amman Valley Comprehensive School	Student seating system
Wales	Amman Valley Comprehensive School	Cutter head
Wales	Amman Valley Comprehensive School	The Cabinet
South West	Balcarras School	Vapo-Seal
South West	Balcarras School	Pasta pal
South West	Balcarras School	Bicycle derailleur protector
Northern Ireland	Ballycastle High School	Scientific Spuds
Northern Ireland	Ballymena Academy	Biodiversity in our Pond and How Seasons Affect It
Northern Ireland	Ballymena Academy	Aircraft Handling Proximity Alarm
North West	Blackpool Sixth Form College	Temperature sensor diagnostics within the ECS for Tornado GR4
North West	Bolton School	The Progressice Brake Light
Yorks and Humber	Bradford Grammar	Dog hydrotherapy jacket
South West	Bryanston School	Quantum Physics
London	Burntwood School	Hydroponics Garden
North West	Calday Grange Grammar School	Swiss Army chair
North West	Calday Grange Grammar School	Roll up chair
North East	Central Newcastle High School	EES project
South West	Chipping Sodbury School	Bicycle safety helmet
South West	Danesfield CE Middle School	Foam tech car seat
South East	Didcot Girls	How fast do things decompose?
Scotland	Dollar Academy	Square Eyes
London	Dulwich College	Ladder attachment
South East	Eastbourne College	Engine stand
East Midlands	Eastwood Comprehensive	Model of wind generator
North East	Emmanuel College	Automatic Curtain Opener
North East	Emmanuel College	The Nyctolight
North East	Emmanuel College	Frequetherapy
North East	Emmanuel College	Electronic Musical Keyboard
North East	Emmanuel College	Electronic Safety Device for Bike Users to Wear

Eastern England	Fearnhill School A	House alarm
Scotland	George Heriot's School	The Effect of Human Drinks on Plants
South East	Headington School	Stuck in the Stack (fluorescence microscopy)
Eastern England	Henlow Middle School C	To investigate the most effective kitchen towel
Eastern England	Hertfordshire & Essex High School A	Amazing Ammonites
West Midlands	Hillcrest School	Identifying strength of UV light
South East	Home educated	Mr Smith's Bees
Scotland	Hutchesons' Grammar School	Conditioned Learning
Yorks and Humber	Hymers College	Teddy bear child's alarm
West Midlands	King Edward VI Boys 1	Video switcher
East Midlands	King Edward VII School	Team Mixer
South West	Kingdown School	How clean is soap?
South East	King's School Canterbury	Cricket bat knocking in
South East	Kingston Grammar School	Solar powered composter
Northern Ireland	Loreto College, Coleraine	Green Rust - the Good Gal
Northern Ireland	Loreto College, Coleraine	Liquid Film Motors
South West	Malmesbury School	Is there a future in biofuels?
Yorks and Humber	Maltby Academy, Rotherham	Trickii Twister
Scotland	Merchiston Castle School	Easy Tailer
Wales	Milford Haven Comprehensive School	Hiking Bench
Wales	Milford Haven Comprehensive School	Oil Decontaminating Unit
North East	Newminster Middle School	Which Tattoos Last the Longest
East Midlands	Oakham School	Organ tuner
West Midlands	Pershore High School	Gears manufacture
Eastern England	Queen Elizabeth Boys' School	The effect of acidity on watercress
North East	Queen Elizabeth High School	Gun Barrel Movement in Challenger Tank
Wales	Radyr Comprehensive	Nanotechnology – the future
South East	Rainham Mark Grammar	Ecstatic Earth
East Midlands	Redmoor High School	Investigating wind turbine efficiency
Scotland	Renfrew High School	Turbo Compressor
Northern Ireland	Royal Belfast Academical Institution	Practicality of using Caffeine as a Commercial Pesticide
East Midlands	Royal Grammar School Worcester	Ladder Safe
West Midlands	Rugby High School 1	Perfect cup of tea
West Midlands	Rugby High School 4	Calibration system for model turbines
Northern Ireland	Sacred Heart Grammar School, Newry	The UV Light Absorption Monitor
North East	Sacred Heart High School	Liver disease

Eastern England	Saffron Waldon County High School	Workshop hydraulic press
London	South Harrow High School	Child's multipurpose storage unit
London	South Harrow High School	How bacteria develop antibiotic resistance
North East	St Bede's RC School	Safety First Warning Lights
Scotland	St Luke's High School	Waste & Your Environment
Northern Ireland	St Mary's Grammar School, Magherafelt	Swim Coach
Scotland	St Mary's Music School	Synthesis of a Novel Manganese Complex
East Midlands	Stamford School	Ipod in car holder
South East	Sutton Grammar School	Search & Rescue Robot
Eastern England	Tendring Technology College B	Electric guitar practice aid
London	The Archbishop's School	Calming Chilli
London	The Archbishop's School	Liquifaction
North West	The Liverpool Blue Coat School	Does the amount of cocoa in chocolate affect the time taken to melt?
North West	The Queen Katherine School	Novel nanomaterial additives for gas diffusion layers used in hydrogen or direct methanol fuel cells
London	Trinity RC	Energy in our school
East Midlands	Welland Park Community College	Snake Genetics
East Midlands	Welland Park Community College	How does chocolate affect us?
South West	Wellsway School	Eco-home
Eastern England	Westcliff High School for Girls B	Pill dispenser - a mechanical pill dispenser for the elderly
London	Westminster School	Sunlight
South East	Winchester College	Autonomous vacuum cleaner
South East	Winchester College	Educational robotics kit
Yorks and Humber	Wisewood School	PC Case
Wales	Ysgol Uwchradd Aberteifi	Rotray
Wales	Ysgol Uwchradd Aberteifi	Rasio Aberteifi Tigers