



**BT YOUNG SCIENTIST
& TECHNOLOGY** Exhibition

Qualified Projects 2023

The following projects have qualified for the virtual BT Young Scientist & Technology Exhibition, 11 - 14 January 2023. Not all projects are listed.

School County	School Name	Title	Category	Project Type
Antrim	Wellington College	Why does my hot chocolate sing?	Chemical, Physical & Mathematical Sciences	Group
Antrim	St Dominic's High School	Investigating the Placebo and Nocebo Effects	Social & Behavioural Sciences	Individual
Antrim	South Eastern Regional College - Lisburn	The effect of hypoxia-induced lung injury on fibroblast activation	Biological & Ecological	Group
Antrim	South Eastern Regional College - Lisburn	Following Sol: The antibacterial and cooling effect of a natural after sun emulsion	Chemical, Physical & Mathematical Sciences	Individual
Antrim	South Eastern Regional College - Lisburn	Cigarette smoke causes scarring of the lungs - how?	Biological & Ecological	Individual
Antrim	Ballymena Academy	A.R.K	Technology	Group
Carlow	Tullow Community School	The Floral Origins of Local Irish Honey- Do we have a taste bias?	Biological & Ecological	Group
Cavan	Loreto College	Brush Wizz	Biological & Ecological	Group
Cavan	Coláiste Dún an Rí	Periods with no plastic! An investigation into why there is a reluctance amongst females to use more sustainable period products such as period pants.	Social & Behavioural Sciences	Group



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Cavan	Coláiste Dún an Rí	An investigation into alternative feed stock for the production of Biodiesel fuel contributing to a cleaner environment	Chemical, Physical & Mathematical Sciences	Individual
Clare	Meánscoil na mBráithre	The Normandy Landings: As They Happened	Technology	Individual
Clare	Meánscoil na mBráithre	An Investigation to determine if there is any correlation between the incidence of lung cancer in dogs and living in regions with high levels of Radon in County Clare.	Biological & Ecological	Group
Clare	Meánscoil na mBráithre	Realities of Imaginary Numbers	Chemical, Physical & Mathematical Sciences	Group
Clare	Scoil Mhuire	An Analysis of Routing Algorithms for Electronic Design	Chemical, Physical & Mathematical Sciences	Individual
Clare	Mary Immaculate Secondary School	Can Artificial Neural Networks Aid Hearing Impaired Individuals to Lipread?	Technology	Individual
Clare	Mary Immaculate Secondary School	A statistical analysis of the relationship between precipitation and river discharge in the Aille River catchment area	Chemical, Physical & Mathematical Sciences	Individual
Clare	Mary Immaculate Secondary School	An evaluation of the use of Biochar in reducing greenhouse gas emissions from urea	Biological & Ecological	Group



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Clare	Mary Immaculate Secondary School	Mobile phone coverage and the topography of North Clare	Chemical, Physical & Mathematical Sciences	Group
Clare	Mary Immaculate Secondary School	The lunar effect on periwinkle (<i>Littorina littoria</i>) movement	Biological & Ecological	Group
Clare	Mary Immaculate Secondary School	Does damaging Kelp affect its breaking strength	Biological & Ecological	Individual
Clare	Mary Immaculate Secondary School	How much plastic is washed up on our shores?	Biological & Ecological	Group
Clare	Mary Immaculate Secondary School	An examination of the effect that position in a turlough has on the morphology of the leaves of <i>Ranunculus repens</i> (creeping buttercup)	Biological & Ecological	Group
Clare	Mary Immaculate Secondary School	Is the Clumping Behaviour of Mussels (<i>Mytilus edulis</i>) affected by the Presence of a Predator?	Biological & Ecological	Individual
Clare	St Joseph's Secondary School	The root of water - An investigation into the ability of native hedging to absorb water	Biological & Ecological	Group
Clare	St Joseph's Community College	Kelpoleum: Sugar kelp biofuel as an alternative to petroleum fuel.	Biological & Ecological	Group
Cork	Árdscoil Uí Urmoltaigh	Nematodes as possible bioindicators of the health of Irish freshwater bodies.	Biological & Ecological	Individual



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Cork	Árdscoil Uí Urmoltaigh	Moveable calf crush	Technology	Individual
Cork	Árdscoil Uí Urmoltaigh	Investigation of a prototype tool belt to prevent musculoskeletal injuries in vets	Biological & Ecological	Individual
Cork	Bandon Grammar School	Investigation of the antimicrobial activity of Ilex aquifolium (common Holly tree)	Biological & Ecological	Individual
Cork	Bandon Grammar School	Affects energy drinks have on your sport performance	Biological & Ecological	Group
Cork	Bandon Grammar School	Is 'BeReal' actually authentic?	Social & Behavioural Sciences	Group
Cork	Coláiste na Toirbhirte	Sustainable Produce: Honesty Boxes vs Supermarkets?	Biological & Ecological	Group
Cork	Scoil Mhuire gan Smal	A.A.H.M (Anxiety Attack Heart Monitor)	Technology	Group
Cork	Scoil Mhuire gan Smal	The Effects of iPads in the classroom	Social & Behavioural Sciences	Group
Cork	Scoil Mhuire gan Smal	Safe Sleeping - SIDS Temperature Monitor	Technology	Group
Cork	St Aloysius College	Designing an olivine filtration system to reduce domestic CO2 emissions from typical household chimneys	Chemical, Physical & Mathematical Sciences	Group



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Cork	St Aloysius College	Surveillance: A mixed method behavioural analysis of the Irish public perception on modern day surveillance.	Social & Behavioural Sciences	Group
Cork	St Aloysius College	Reduction of nitrates in fresh water by use of immobilised enzymes.	Chemical, Physical & Mathematical Sciences	Individual
Cork	Sacred Heart Secondary School	Cycle 4 Charge	Chemical, Physical & Mathematical Sciences	Group
Cork	Sacred Heart Secondary School	Can a Mandela effect be created to manipulate the memory of teenage girls?	Social & Behavioural Sciences	Group
Cork	Sacred Heart Secondary School	Quick Fix	Social & Behavioural Sciences	Group
Cork	Sacred Heart Secondary School	Would You Like A Cookie?	Social & Behavioural Sciences	Individual
Cork	Colaiste Muire Crosshaven	Sprint Spies- An Investigation into Otter Population	Biological & Ecological	Group
Cork	Colaiste Muire Crosshaven	Water We Waiting For?	Biological & Ecological	Group
Cork	Colaiste Muire Crosshaven	Bee for Real: an investigation into Nosema disease in Cork County honeybee colonies	Biological & Ecological	Group
Cork	Colaiste Muire Crosshaven	I've got 99 problems but age ain't one	Social & Behavioural Sciences	Individual



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Cork	Colaiste Muire Crosshaven	The Gender of the Joker- an investigation into the humour gender gap	Social & Behavioural Sciences	Group
Cork	Colaiste Muire Crosshaven	Mathematically modelling animal vocalisations.	Chemical, Physical & Mathematical Sciences	Individual
Cork	Colaiste Muire Crosshaven	wide smiles deep graves: A chemical analysis of toothpaste to uncover the presence of Titanium Dioxide as a dangerous additive	Chemical, Physical & Mathematical Sciences	Group
Cork	Colaiste Muire Crosshaven	Binge drinking a problem BUT could it be all in the pour?	Social & Behavioural Sciences	Individual
Cork	Loreto Secondary School	Vaping Under The Influence: An investigation into the impact of social media on adolescent attitudes towards vaping	Social & Behavioural Sciences	Individual
Cork	Loreto Secondary School	Natural Alternatives To Hair Dye And How They Work	Biological & Ecological	Group
Cork	Scoil Mhuire	The effects of when Bisphenol A is in contact with organisms	Biological & Ecological	Individual
Cork	Colaiste An Phiarsaigh	Ar Thug an Riarachán de Vacsaíniú COVID-19 Dearcadh Difriúil de Glúin 'Z' ar Vacsaíniú i gComparáid le Ghlúnta Eile?	Social & Behavioural Sciences	Individual
Cork	Colaiste An Phiarsaigh	An mbíonn tionchar ag ábhair éagsúla snámha ar do fheidhmíocht?	Social & Behavioural Sciences	Group



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Cork	Colaiste An Phiarsaigh	Ag cabhrú leis an timpeallacht le bia áitiúil	Social & Behavioural Sciences	Group
Cork	Colaiste An Phiarsaigh	Toilleadh Oibriú Fisiceach Déagóirí Fireanna a Chuir i gComparáid lena Chéile coibhneasta le hairde agus meachain	Chemical, Physical & Mathematical Sciences	Group
Cork	Colaiste An Phiarsaigh	Scileanna fadhbréitigh madra	Social & Behavioural Sciences	Group
Cork	Colaiste An Phiarsaigh	tionchar spóirt ar ár rata croi	Social & Behavioural Sciences	Group
Cork	Colaiste An Phiarsaigh	An éifeacht atá ag céatadán éagsúla de truailliú cothaitheach ar an ráta atáirgthe de fiteaplanctón	Biological & Ecological	Group
Cork	St Mary's Secondary School Macroom	Construction and Evaluation of a DIY Air Filter	Technology	Group
Cork	St Mary's Secondary School Macroom	Is the housing crisis deterring students from accepting their dream college courses?	Social & Behavioural Sciences	Group
Cork	St Mary's Secondary School Macroom	Lights out! - An analysis into how the Irish people are dealing with the soaring energy prices.	Social & Behavioural Sciences	Group
Cork	St Mary's Secondary School Macroom	The future is female, but will it stay that way?	Social & Behavioural Sciences	Group



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Cork	St Mary's Secondary School Macroom	Can Ireland sustain producing its own quality baking flour with triticale amidst the current food crisis?	Biological & Ecological	Individual
Cork	St Mary's Secondary School Macroom	Passenger Transport Emissions modelling to inform local and national school sustainable transport policy.	Social & Behavioural Sciences	Group
Cork	St Mary's Secondary School Macroom	Should Rooftop Gardens be made mandatory in Irish Cities?	Biological & Ecological	Group
Cork	St Mary's Secondary School Macroom	How Productive is Productivity Culture?	Social & Behavioural Sciences	Group
Cork	St Mary's Secondary School Mallow	An investigation into atmospheric microplastic contamination in both indoor and outdoor environments in the North Cork area of Mallow and potential health risks for humans.	Chemical, Physical & Mathematical Sciences	Group
Cork	St Mary's Secondary School Mallow	An investigation into the biomechanics of heading a football with implications for the design of protective, wearable technology for measuring and recording cumulative non-concussive cranial impacts.	Chemical, Physical & Mathematical Sciences	Group
Cork	Midleton College	The Science Behind Your Favourite TV Shows	Social & Behavioural Sciences	Group



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Cork	St Mary's High School	Online School: what's gained in academics is lost in social skills	Social & Behavioural Sciences	Group
Cork	St Mary's High School	How to accelerate the production of S.A.F. (Sustainable Aviation Fuel)	Chemical, Physical & Mathematical Sciences	Group
Cork	Coláiste an Spioraid Naoimh	"Comparing the fundamental movement skill proficiency of first year males from urban and rural backgrounds".	Social & Behavioural Sciences	Group
Cork	St Aloysius School	An investigation into the differences in how men and women are treated in online gaming	Social & Behavioural Sciences	Individual
Cork	St Aloysius School	Highlighting the lack of female participants in medical trials and the consequences that has for women's health	Biological & Ecological	Individual
Cork	Christ King Girls' Secondary School	MentalMap	Technology	Individual
Cork	St. Brogan's College, Bandon	Human Neuro-Storage - A Contribution To Biological Memory And Learning	Biological & Ecological	Group
Cork	St. Brogan's College, Bandon	Have you HERD of Thermoduric?	Biological & Ecological	Group
Cork	St. Brogan's College, Bandon	How has covid-19 impacted laboratory skills of 2nd and 3d level students	Social & Behavioural Sciences	Group
Cork	St. Brogan's College, Bandon	You've GUT to be kidding me	Biological & Ecological	Group



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Cork	St. Brogan's College, Bandon	which fuel is most efficient for a blacksmith	Chemical, Physical & Mathematical Sciences	Individual
Cork	St. Brogan's College, Bandon	Music and Studying - What Affects Do Background Music Have on Concentration and Accuracy?	Social & Behavioural Sciences	Group
Cork	St. Brogan's College, Bandon	The effect of PCOS on adolescents and the lack of education surrounding the topic	Social & Behavioural Sciences	Group
Cork	Clonakilty Community College	Investigation into the Effect of Sugar on the Establishment of Mycorrhizal Fungi and Enhancement of the Mycorrhizal Effect to Increase Crop Growth	Biological & Ecological	Group
Cork	Clonakilty Community College	Eating Insects: Are Irish People on Board?	Social & Behavioural Sciences	Group
Cork	Clonakilty Community College	Mycromediation An investigation into the ability of Oyster mushroom mycelium to break down and digest microplastics	Biological & Ecological	Group
Cork	Clonakilty Community College	Carbon Scrubber	Chemical, Physical & Mathematical Sciences	Group



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Cork	Clonakilty Community College	Investigation into the Antimicrobial Properties of Cinnamon and Development of a Cinnamon Based Surface Cleaner.	Biological & Ecological	Group
Cork	Coachford College	The Effects of Technology on the Literacy of Adolescents	Social & Behavioural Sciences	Individual
Cork	Colaiste Treasa	Population Dynamics and Reproduction of Invasive Australian Yabby in an Irish Lake	Biological & Ecological	Group
Cork	Colaiste Treasa	Assessment of the persistence of the entomopathogenic nematode <i>Steinernema feltiae</i> in peat soil.	Biological & Ecological	Group
Cork	Colaiste Treasa	'Grubs up!' - An investigation into the attitudes of Irish adolescents towards entomophagy and liking of insect- containing foods.	Social & Behavioural Sciences	Group
Cork	Colaiste Treasa	An investigation into the effectiveness of constructed farmland sediment ponds in promoting biodiversity as indicated by the presence of water beetles as bioindicators	Biological & Ecological	Group
Cork	Colaiste Treasa	Examining the experiences and effects of overtraining in young athletes.	Social & Behavioural Sciences	Individual



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Cork	Schull Community College	The effects of colour	Social & Behavioural Sciences	Group
Cork	Schull Community College	Can Peer Pressure Positively Influence Teenager's Diet	Social & Behavioural Sciences	Individual
Cork	Schull Community College	How do our pets affect our mental health and wellbeing?	Social & Behavioural Sciences	Individual
Cork	Schull Community College	Investigating the connection between wrapping on silage bales and pinkeye in cattle.	Biological & Ecological	Individual
Cork	Coláiste Choilm	How Well Can Humans Differentiate the Sound of Hot and Cold Water Being Poured	Biological & Ecological	Group
Cork	Coláiste Choilm	History repeating itself?	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	Statistical Investigation and Development of an Adolescent Digital Communications Watchdog	Technology	Individual
Cork	Coláiste Choilm	Athletes vs mental health	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	An investigation into the Barnum Effect and the Fallacy of Personal Validation.	Social & Behavioural Sciences	Individual
Cork	Coláiste Choilm	Investigation into the optimum design of heat pump fan technology for the Irish climate	Technology	Group



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Cork	Coláiste Choilm	Identifying patterns in Top Hit music using Fourier analysis	Chemical, Physical & Mathematical Sciences	Group
Cork	Coláiste Choilm	Can Dew do it	Technology	Group
Cork	Coláiste Choilm	The Impact of Misogynistic Online Influencers on Young People's Perception of Women.	Social & Behavioural Sciences	Individual
Cork	Coláiste Choilm	A statistical study to investigate the social, economic, environmental, health and wellbeing benefits of allotments.	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	A Statistical Investigation into the Attitudes of Over 60s Towards Burial and Cremation and Their Impact on Current Local Authority Medium/Long Term Planning.	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	A study to Investigate the Negative Impacts of Verbal and Physical Abuse on Referees in terms of their Mental Health	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	A Statistical Investigation into the Correlation between Joint Hypermobility and Anxiety	Social & Behavioural Sciences	Individual
Cork	Coláiste Choilm	An Investigation to Ascertain the Differences Between the Coping Mechanisms of Male and Female Teenagers	Social & Behavioural Sciences	Individual



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Cork	Coláiste Choilm	“A statistical investigation into the prevalence of loneliness/isolation among our elderly population in care homes compared with those in independent living”	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	A statistical study of women’s knowledge, attitude and practice in relation to menopause and formulating solutions to this societal issue;	Social & Behavioural Sciences	Group
Cork	Coláiste Choilm	To investigate if secondary school students consume more snacks when presented with larger portion sizes?	Social & Behavioural Sciences	Group
Cork	Coláiste Daibhéid	Dár le daltaí meánscoile an bhfuil tionchar ag dathanna sa timpeallacht ar a gcaighdeán foghlamtha agus leibhéal oideachas.	Social & Behavioural Sciences	Group
Cork	Glanmire Community College	Sustainable Calculator	Technology	Individual
Cork	Glanmire Community College	An investigation into attitudes and awareness towards pain-medication in 15-19 year olds.	Social & Behavioural Sciences	Group
Cork	Coláiste Pobail Bheanntaí	Food Miles: What is their impact on the consumer?	Social & Behavioural Sciences	Group
Cork	Coláiste Pobail Bheanntaí	Lyme vs Deer is there a correlation?	Biological & Ecological	Group



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Cork	Gaelcholáiste Charraig Ui Leighin	Cén tionchar atá ag na meáin sóisialta ar an eolas sláinte bia atá ag déagóirí?	Social & Behavioural Sciences	Group
Cork	Gaelcholáiste Charraig Ui Leighin	Mata sa léim cuaille	Chemical, Physical & Mathematical Sciences	Group
Cork	Gaelcholáiste Charraig Ui Leighin	An ba chóir do cannabas a bheith déanta dleathach in Éirinn?	Social & Behavioural Sciences	Individual
Cork	Gaelcholáiste Charraig Ui Leighin	Iniúchadh ar claontacht algartam.	Technology	Individual
Cork	Ballincollig Community School	To investigate the effects of frequent reading on academic success.	Social & Behavioural Sciences	Group
Cork	Ballincollig Community School	Can bedroom plants improve your sleep?	Social & Behavioural Sciences	Group
Cork	Ballincollig Community School	The perception of beauty through the eyes of children in the 21st century	Social & Behavioural Sciences	Group
Cork	Ballincollig Community School	Prejudice against music in foreign languages	Social & Behavioural Sciences	Individual
Cork	Ballincollig Community School	Difference in the attitude with attending women's sport.	Social & Behavioural Sciences	Group
Cork	Millstreet Community School	Will turning off the light save a fight?	Social & Behavioural Sciences	Group
Cork	Millstreet Community School	Are the current rules and regulations of the school bus scheme fair ?	Social & Behavioural Sciences	Group



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Cork	Millstreet Community School	Pride in the Parish – Is it time for a new system of local government?	Social & Behavioural Sciences	Group
Cork	Millstreet Community School	Locating suitable areas for anaerobic digesters in the Republic of Ireland	Biological & Ecological	Group
Cork	Millstreet Community School	Comparison Between Closed Loop Insulin Delivery System versus Conventional Insulin Therapy	Technology	Group
Cork	Millstreet Community School	A statistical analysis into whether modern farming practices are a detriment to the dung beetle and its ability to positively affect Irish agriculture.	Biological & Ecological	Group
Cork	Douglas Community School	The link between sleep and exercise - an analysis with smart watch technology	Social & Behavioural Sciences	Group
Cork	Douglas Community School	Rainwater, suitable for drinking?	Biological & Ecological	Group
Cork	Kinsale Community School	A statistical study into the link between possession of a crystal and effects on short term memory recall and pattern recognition in exam situations due to the influence of fake science in media.	Social & Behavioural Sciences	Individual
Cork	Kinsale Community School	An investigation into the impact of kinetic flooring as a renewable energy source in schools.	Technology	Individual



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Cork	Kinsale Community School	A C++ based AI to translate a live video input of Irish Sign Language to English Text	Technology	Group
Cork	Kinsale Community School	An analysis into peoples' bias towards people with vitiligo	Social & Behavioural Sciences	Individual
Cork	Kinsale Community School	SteriAir - A portable UV sterilising breathing pack	Technology	Individual
Cork	Kinsale Community School	Sustainable Cleaning Detergent	Chemical, Physical & Mathematical Sciences	Group
Cork	Kinsale Community School	A study on student and parent worries in the transition to secondary school	Social & Behavioural Sciences	Group
Cork	Kinsale Community School	A statistical analysis examining people's sun protective behaviours and their knowledge of the SunSmart Code.	Social & Behavioural Sciences	Group
Cork	Kinsale Community School	Consuming Fish: The Carbon Footprint of Trawling	Biological & Ecological	Individual
Cork	Kinsale Community School	Imscrúdú ar nósanna athchúrsála cearta, ar dearchtaí daoine agus cloí leis na treoirlínte athchúrsála i measc an phobal i gcoitinne.	Social & Behavioural Sciences	Group
Cork	Kinsale Community School	BEATS AND BOOTS - a study of the impact of music on a sporting performance	Social & Behavioural Sciences	Group



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Cork	Kinsale Community School	The analysis of the effects of micro plastics on soil fertility	Biological & Ecological	Group
Cork	Kinsale Community School	Evaluate the impact of feeding strategies on Friesian Bull Calf Growth	Biological & Ecological	Group
Cork	Kinsale Community School	Do School Days have a Detrimental Effect on Student's Fatigue levels?	Social & Behavioural Sciences	Group
Cork	Kinsale Community School	How much time does it take for varying brands of chough sweets to dissolve in synthetic saliva.	Biological & Ecological	Individual
Cork	Kinsale Community School	An bhfuil díobhlaíoch nádúrtha níos fearr na frithallasán?	Biological & Ecological	Group
Cork	Pobalscoil na Tríonóide	'Big P' or 'little p'? A study of young people's conceptions of and engagement in politics.	Social & Behavioural Sciences	Individual
Cork	SKIBBEREEN COMMUNITY SCHOOL	Constructing a Microbial Fuel Cell to Investigate the Electrical Power Output of Copious Organic Waste Samples	Biological & Ecological	Individual
Cork	Coláiste Fionnchua	The Effects of administration of antibiotics to cattle and the emergence of antibiotic resistant bacteria	Biological & Ecological	Group
Derry-Londonderry	St Mary's College	Investigating the effect of activated charcoal on the absorption of glucose in the digestive system	Chemical, Physical & Mathematical Sciences	Individual



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Derry-Londonderry	St Mary's College	Investigating the effect of different pHs on the use of Hydrogels as drug carriers Part II	Chemical, Physical & Mathematical Sciences	Group
Derry-Londonderry	St Mary's College	The investigation, development and evaluation of natural sunscreen preparations	Chemical, Physical & Mathematical Sciences	Individual
Derry-Londonderry	St Mary's College	Investigating the effect of acid rain on metals used in construction and metal compounds found in soil	Chemical, Physical & Mathematical Sciences	Individual
Donegal	St Eunan's College	Educational App	Technology	Group
Donegal	Abbey Vocational School	Using silica nanoparticles to create self-sustaining antimicrobial surface coatings	Chemical, Physical & Mathematical Sciences	Individual
Donegal	Abbey Vocational School	Back Air Gravitational Support -BAGS	Technology	Individual
Donegal	Abbey Vocational School	Seasonal variation in the antimicrobial activity of native Irish seaweeds.	Biological & Ecological	Individual
Donegal	Abbey Vocational School	An investigation into the most effective household agents at preventing fungal mould on fruit.	Biological & Ecological	Group
Donegal	Abbey Vocational School	The possibility and profitability of introducing Donegal to the Irish national rail network to service a social, economical and environmental need.	Social & Behavioural Sciences	Individual



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Donegal	Abbey Vocational School	What colour is pi? An analysis of patterns in the visible representation of number sequences using colours observed by people with synesthesia	Chemical, Physical & Mathematical Sciences	Individual
Donegal	Coláiste Ailigh	“Le dó nó gan a dó” – Forbairt retardant dóiteáin éiceabhách chun caipeadh tinte fiáine a rialú.	Chemical, Physical & Mathematical Sciences	Individual
Donegal	Coláiste Ailigh	Fiosrú ar cumas atá ag plandaí eagsula cosc a chur ar chreimeadh uisce.	Biological & Ecological	Group
Donegal	Coláiste Ailigh	Fiosrú ar éifeacht lus an phiobair ar luas freagartha i ndéagóirí	Biological & Ecological	Group
Donegal	Coláiste Ailigh	An bhfuil dírítheoirí g ruaige ag déanamh do ghruaig níos laige?	Chemical, Physical & Mathematical Sciences	Group
Donegal	Coláiste Ailigh	An bhfuil tionchar ag ardaíthe costas bhreosla ar an cinneadh fuinneamh in athnuaithe a úsáid sa teach	Social & Behavioural Sciences	Group
Donegal	St Columba’s Comprehensive School	A qualitative study on the microbial community found on domestic dogs’ coats	Biological & Ecological	Individual
Donegal	St Columba’s Comprehensive School	A comparative study Physicochemical characteristics and health-promoting properties of Donegal heather honeys Vs Maunka Honey	Chemical, Physical & Mathematical Sciences	Individual



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Donegal	Carndonagh Community School	Reactivation of the Epstein Barr Virus (Glandular Fever); is there a connection between the reoccurrence of it and Post-Acute COVID-19? - A Statistical Analysis	Biological & Ecological	Group
Donegal	Rosses Community School	How boys view the female role in society	Social & Behavioural Sciences	Group
Donegal	Rosses Community School	Decline of Video Games	Social & Behavioural Sciences	Group
Donegal	Pobalscoil Ghaath Dobhair	An bhfuil tionchar meáin shoisialta ar chorpíomha dearfach?	Social & Behavioural Sciences	Group
Donegal	Pobalscoil Ghaath Dobhair	An é an dianghlasáil nó/ agus na méan shoisialta is cúis le líon ard na gcásanna imní atá feicéalach I measc mic léinn sa lá atá ann inniu	Social & Behavioural Sciences	Group
Donegal	Pobalscoil Ghaath Dobhair	Low-cost bilingual computing for the education sector	Technology	Individual
Donegal	Loreto Community School	Quantitative Water Analysis of Mulroy Bay to Measure the Efficacy of a New Sewage System.	Chemical, Physical & Mathematical Sciences	Group
Donegal	Coláiste Cholmcille	Napping, a clever use of your time or a complete snooze fest?	Social & Behavioural Sciences	Individual
Donegal	Coláiste Cholmcille	Transforming HOT WASTE into HOT WATER	Biological & Ecological	Group



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Donegal	Coláiste Cholmcille	A statistical analysis into age and gender of drownings in Ireland and to raise awareness around water safety.	Social & Behavioural Sciences	Group
Donegal	Moville Community College	Proteins are not alike	Chemical, Physical & Mathematical Sciences	Individual
Down	Abbey Christian Brothers School	An investigation into methane release from permafrost using satellite data	Biological & Ecological	Group
Down	St Colman's College	Recycling Nutrients	Biological & Ecological	Group
Down	South Eastern Regional College - Bangor Campus	Testing Aspirin Project	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Home School	Statistical model to improve handwriting	Technology	Individual
Dublin	The Institute of Education	THE TOFU TAKEOVER: Irish attitudes towards plant based diets and a possible solution to our healthcare crisis	Biological & Ecological	Individual
Dublin	Loreto Secondary School	Does the average age of a group of students affect how likely they are to be influenced by the imposed pressure of the participating group.	Social & Behavioural Sciences	Group
Dublin	Loreto Secondary School	Can we save the common ash?	Biological & Ecological	Group



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Dublin	Blackrock College	Automatic Self Watering Plant Pot	Biological & Ecological	Individual
Dublin	Blackrock College	Should we have a 'No Shoes In the Bedroom' Rule?	Biological & Ecological	Individual
Dublin	Coláiste Íosagáin	an féidir linn foinse teasa inmhathana a ghiniúint tríd imoibrú aigéad sulfarach agus ceallalós	Chemical, Physical & Mathematical Sciences	Group
Dublin	Coláiste Íosagáin	An bhfuil ipads níos fearr na leabhair sa mhéanscoil?	Social & Behavioural Sciences	Group
Dublin	Coláiste Íosagáin	Ag Caomhnú Timpeallachta & Airgead sa Phóca	Social & Behavioural Sciences	Group
Dublin	Oatlands College	Developing a device for economically viable desalination of seawater for individuals in developing countries.	Chemical, Physical & Mathematical Sciences	Group
Dublin	Rockford Manor Secondary School	Flower Power : An investigation into the antimicrobial properties of rose petals and their effectiveness in treating acne.	Biological & Ecological	Group
Dublin	Rockford Manor Secondary School	Under the lamp ! An investigation into the impact of nail salon UV lamps in causing skin damage and comparing protective methods to provide UV light protection.	Chemical, Physical & Mathematical Sciences	Group
Dublin	Rockford Manor Secondary School	Stressed out Pooch: An Investigation on how different music genres affect dog behaviour	Biological & Ecological	Individual



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Dublin	Rockford Manor Secondary School	Engaging the monster within : Unlocking the psychology of the origin of phobias in primary and post-primary students.	Social & Behavioural Sciences	Group
Dublin	Rockford Manor Secondary School	A statistical analysis of the impact of Menstrual Cycle syncing on Performance in elite females sports teams.	Biological & Ecological	Group
Dublin	Rockford Manor Secondary School	Press play to remember - investigation into memory retention improving when the brain is reactivated during sleep.	Social & Behavioural Sciences	Individual
Dublin	Castleknock College	Testing Aerofoil Designs Under Various Conditions	Technology	Group
Dublin	Castleknock College	Landing rockets with rocket stabilization system	Technology	Individual
Dublin	Castleknock College	Project Preserve	Technology	Individual
Dublin	Mount Anville Secondary School	Applying polyvagal theory in the classroom to support students improve their wellbeing.	Social & Behavioural Sciences	Group
Dublin	Mount Anville Secondary School	Do we really look like our parents? Investigating whether we can really tell parent and child apart using only facial features	Biological & Ecological	Individual
Dublin	Coláiste Phádraig CBS	ADHD Academy: A website that can improve the attention span of students with ADHD	Technology	Group



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Dublin	Coláiste Phádraig CBS	Exploring Apophenia and Pareidolia in Machine Learning, and Optimising for Predicting Stochastic Patterns	Technology	Group
Dublin	Coláiste Phádraig CBS	Buy or Rent? A predictive analytical algorithm to predict house prices using machine learning.	Technology	Group
Dublin	Loreto High School	Sparky sports	Chemical, Physical & Mathematical Sciences	Group
Dublin	Loreto High School	Taking steps to reduce your carbon footprint	Technology	Group
Dublin	Loreto High School	Flow Forecast	Social & Behavioural Sciences	Group
Dublin	Loreto High School	Mats That Matter!!!	Technology	Group
Dublin	Loreto High School	Are we making a dogs dinner of our planet?- An investigation into the affect of dog food on our environment	Biological & Ecological	Group
Dublin	Loreto High School	Permafrozen in Time?	Biological & Ecological	Individual
Dublin	Loreto High School	Home is where the arc is- Mathitecture of Dublin	Chemical, Physical & Mathematical Sciences	Individual



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Dublin	St Joseph's Secondary School	Investigating how people generate their own oxidation field and change the indoor chemistry around them.	Chemical, Physical & Mathematical Sciences	Individual
Dublin	St Joseph's Secondary School	GaelTalk - a virtual reality immersive Irish Language learning experience that can promote the practice of the Irish language.	Technology	Group
Dublin	St Joseph's Secondary School	Using machine learning for biome recognition on Earth and beyond.	Technology	Group
Dublin	St Joseph's Secondary School	An investigation into the public's perceptions and fears of Avian Influenza	Biological & Ecological	Group
Dublin	St Joseph's Secondary School	An investigation which compares the effectiveness of fermented foods against E.Coli (K-12) compared to Lactic Acid Bacteria	Biological & Ecological	Group
Dublin	St Joseph's Secondary School	Slugger : An improved boxing score system and damage prevention device.	Technology	Group
Dublin	St Joseph's Secondary School	Using machine learning and classification algorithms to improve the UV index formula.	Technology	Group
Dublin	St Joseph's Secondary School	Keeping your Balance : Measuring the impact of a balance awareness activity	Biological & Ecological	Individual
Dublin	St Joseph's Secondary School	An investigation to highlight gender differences in autistic traits.	Social & Behavioural Sciences	Group



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Dublin	St Joseph's Secondary School	The design of a diagnostic application for the early detection of Colour Blindness in children.	Biological & Ecological	Individual
Dublin	St Joseph's Secondary School	A chemical analysis on the effect of a seaweed fertiliser on different soil types.	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Sutton Park School	BloodBox: A Diagnostic Tool for Blood-Borne diseases	Technology	Group
Dublin	Sutton Park School	A Solution to Coastal Flooding in Irish Cities	Technology	Group
Dublin	Christian Brothers, Synge St.	Solving Reaction-Diffusion Equations - Reflections on Some Mathematical Problems Arising in Alan Turing's Theory of Morphogenesis	Chemical, Physical & Mathematical Sciences	Group
Dublin	St. Aidan's C.B.S.	An Investigation into Global Gene Sequence Screening and the Development of a Novel Screening System	Technology	Group
Dublin	Belvedere College S.J	Reduce Emergency Department Waiting Times using AI to read X-rays	Technology	Individual
Dublin	Gonzaga College	Creating New AI Proof Captchas	Technology	Individual
Dublin	Gonzaga College	A Sustainable Method Of Storing Wind Energy For Days When Wind Is Not Available	Technology	Group
Dublin	Gonzaga College	Creating a Portable Gadget that Generates Renewable Electricity	Technology	Group



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Dublin	Terenure College	TikTok and Attention Span - An Investigation into the effect of TikTok usage on teenagers' attention span.	Social & Behavioural Sciences	Group
Dublin	St Kilian's Deutsche Schule	NativeJS - simplifying microcontroller programming	Technology	Individual
Dublin	St Kilian's Deutsche Schule	Analysis of sentiment variation in news reporting and consequential user activity	Technology	Group
Dublin	Sandford Park School Ltd	A statistical analysis on the effects of pro-anorexic and diet culture social media content on teenagers.	Social & Behavioural Sciences	Individual
Dublin	Sandford Park School Ltd	Detecting and responding to negative comments on social media	Technology	Individual
Dublin	St Andrews College	Self-Supervised Cross-Modal Representation Learning	Technology	Individual
Dublin	St Andrews College	The growth of pea in different humidity and temperature	Biological & Ecological	Individual
Dublin	St Andrews College	Which compostable bin liner is the best to home compost?	Biological & Ecological	Individual
Dublin	St Andrews College	Music of the Universe: An algorithmic comparison of classical pieces to computer formalisation of galaxy catalogues	Technology	Individual
Dublin	St Patricks Cathedral Grammar School	Mermaid Purses and Shark/Skate Populations in Irish Waters	Biological & Ecological	Individual



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Dublin	Dominican College	Do YOU Get Deja Vu?	Social & Behavioural Sciences	Group
Dublin	Muckross Park College	How can we increase the step students in our year	Social & Behavioural Sciences	Group
Dublin	Muckross Park College	Motivational Systems Theory And The Motivation Differences Between Senior Cycle Secondary School Students	Social & Behavioural Sciences	Individual
Dublin	Muckross Park College	Does latitude effect wild yeasts tolerance to alcohol? And it's implications for climate change.	Biological & Ecological	Individual
Dublin	Holy Faith Secondary School	"Turn Down The Volume" Which Sensory Stimuli Distracts People?, And Which Can Help	Social & Behavioural Sciences	Group
Dublin	St Mary's Secondary School	Does music interfere with our Steering Wheels? A systematic investigation into the affects that different genres & styles of music have on driving ability and driving habits.	Social & Behavioural Sciences	Group
Dublin	Loreto College	An Investigation into the Efficiency of Renewable Energy Sources	Chemical, Physical & Mathematical Sciences	Group
Dublin	Loreto College	Can Luminol determine iron concentration in water?	Chemical, Physical & Mathematical Sciences	Group
Dublin	Loreto College	The Einstein of Enzymes: A Battle Against Plastic Pollution	Biological & Ecological	Group



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Dublin	Loreto College	An Investigation into the Effect of Ball Target Practice on Memory Function among Primary School-Aged Children.	Social & Behavioural Sciences	Individual
Dublin	Loreto College	Does lighting affect people's perception of authenticity?	Social & Behavioural Sciences	Group
Dublin	Loreto College	Using 'perpetual motion' to increase energy efficiency	Chemical, Physical & Mathematical Sciences	Group
Dublin	Loreto College	What is the best method to memorise a sequence?	Social & Behavioural Sciences	Group
Dublin	Our Ladys School	An investigation into the use of herbal plant extracts against antibiotic resistant bacteria in skin infections.	Biological & Ecological	Individual
Dublin	Alexandra College	Agreement Between Child Self-report and Caregiver-Proxy Report for Quality of Life, Substance Use and Suicidal Ideation of Irish Secondary School Children	Social & Behavioural Sciences	Group
Dublin	Stratford College	Analysis of single-cell proteomic data to understand mechanisms of oncogenic transformation and how to control them	Biological & Ecological	Individual
Dublin	Stratford College	_____ - A Hybrid Japanese Typewriter	Technology	Individual
Dublin	Stratford College	Commercialising Industrial robotic arm technology	Technology	Individual



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Dublin	Bremore Educate Together Secondary School	Creating a device that tracks the windows in our school to save energy	Technology	Group
Dublin	Sandymount Park Educate Together Secondary School	Copy That	Social & Behavioural Sciences	Individual
Dublin	Sandymount Park Educate Together Secondary School	Are there longer term effects of an individual's preparedness for their first period and the menstrual education they receive?	Social & Behavioural Sciences	Group
Dublin	ADAMSTOWN COMMUNITY COLLEGE	AI-energy	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Kishoge Community College	Smart Bookmark for the mobility impaired	Technology	Group
Dublin	Kishoge Community College	Smart guiding stick for visually impaired individuals	Technology	Group
Dublin	Newpark Comprehensive School	Do your perceptions affect your ability to succeed ?	Social & Behavioural Sciences	Group
Dublin	Newpark Comprehensive School	Fuelling Newpark with food waste	Chemical, Physical & Mathematical Sciences	Group
Dublin	Newpark Comprehensive School	Do 18 year olds have the cognitive ability to vote fairly?	Social & Behavioural Sciences	Individual
Dublin	Malahide Community School	Peer pressure: Great minds think alike or do they?...	Social & Behavioural Sciences	Group



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Dublin	Malahide Community School	Can plant-based dyes be an environmentally friendly alternative to commercial dyes?	Biological & Ecological	Group
Dublin	Tallaght Community School	COVID 2022: A new strain of spending	Social & Behavioural Sciences	Group
Dublin	Old Bawn Community School	Cellular Intelligence	Biological & Ecological	Individual
Dublin	St. Tiernan's Community School	Factors affecting perception of color	Social & Behavioural Sciences	Group
Dublin	Youthreach Sallynoggin	Investigation and Development of a Tool to Improve Access for Appropriate Mental Support Services in a Timely Manner.	Technology	Individual
Dublin	Lucan Community College	The Colour of Sound and Its Effect on the Brain	Social & Behavioural Sciences	Individual
Galway	Colaiste Sheosaimh	Virus Spread, A Model and Simulation	Technology	Individual
Galway	Coláiste Iognáid S.J.	Mathematics can keep us honest	Technology	Individual
Galway	Coláiste Iognáid S.J.	DRS - Drive to Recycle	Social & Behavioural Sciences	Group
Galway	Dominican College	Is the Irish educational system inadvertently favouring morning larks?	Social & Behavioural Sciences	Individual
Galway	Dominican College	The Caffeine Effect	Biological & Ecological	Individual



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Galway	Dominican College	Comparing progression to STEM courses and careers between all girls' and co-educational schools	Social & Behavioural Sciences	Individual
Galway	Jesus & Mary Secondary School	Learning and the impact it has on healthy eating habits.	Social & Behavioural Sciences	Group
Galway	Presentation College	A Faster Method of Finding Micrometeorites	Chemical, Physical & Mathematical Sciences	Individual
Galway	Presentation College	Motion sensor wristband to help the visually impaired cross the road	Technology	Group
Galway	Presentation College	Making Plastic out of Fish scales	Chemical, Physical & Mathematical Sciences	Individual
Galway	Presentation College	Design and develop a UPS (Uninterrupted Power Supply) using recycled laptop batteries that can be used to backup domestic appliances.	Technology	Group
Galway	Seamount College	Irish Teenagers Attitudes towards Neutrality	Social & Behavioural Sciences	Group
Galway	Mercy Secondary School	What affects colour perception and can we influence it	Biological & Ecological	Group
Galway	Mercy Secondary School	Investigation on Factors that affect Mental Health	Social & Behavioural Sciences	Group
Galway	Coláiste Muire Máthair	The Carbon Footprint of macrofauna	Biological & Ecological	Individual



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Galway	Coláiste Muire Máthair	How we could have saved the Pirates! An analysis of the best cooking methods to save Vitamin C	Chemical, Physical & Mathematical Sciences	Group
Galway	Coláiste Muire Máthair	The impact of microplastics on sea sand temperatures	Biological & Ecological	Individual
Galway	Coláiste Muire Máthair	Watch Out! helping to detect unnoticed falls amongst the aged	Technology	Individual
Galway	St Brigids College	G.E.T together - Girls in Engineering and Technology	Social & Behavioural Sciences	Individual
Galway	Coláiste Naomh Eoin	Cumhacht na dtonn ar Inis Meáin- An féidir le fórsa nach féidir a stopadh rud dochorraithe a bhogadh	Chemical, Physical & Mathematical Sciences	Group
Galway	Coláiste Naomh Eoin	Ag iompar sonraí ar thonnta micreach ó Inis Meáin chuig longa i bhfad i bhfarrage	Technology	Group
Galway	GLENAMADDY COMMUNITY SCHOOL	Are You Afraid of the Big Bad Germs?	Social & Behavioural Sciences	Group
Kerry	Mercy Secondary School Mounthawk	Using piezoelectric crystals to generate electricity	Chemical, Physical & Mathematical Sciences	Group
Kerry	Mercy Secondary School Mounthawk	A Surgical Forceps Incorporating Frustrated Total Internal Reflection For Energy Efficient Sealing and Cutting of Tissue Using Light Energy	Chemical, Physical & Mathematical Sciences	Individual
Kerry	Mercy Secondary School Mounthawk	A multifunctional device to assist people with ASD	Technology	Individual



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Kerry	Mercy Secondary School Mounthawk	How Effective is the Carotenoid Lycopene in regards to UV Protection?	Chemical, Physical & Mathematical Sciences	Individual
Kerry	Mercy Secondary School Mounthawk	UnBEETable - Investigating if beetroot juice can impact the performance of athletes	Biological & Ecological	Group
Kerry	Mercy Secondary School Mounthawk	Investigating How Paste Extrusion can be used to make 3D Printing more Environmentally Friendly	Technology	Individual
Kerry	Mercy Secondary School Mounthawk	The impact of going back to "normal" schooling post Covid-19 has had on teenager's stress & anxiety levels.	Social & Behavioural Sciences	Individual
Kerry	Mercy Secondary School Mounthawk	Could The ZZ Plant Survive In Martian Soil	Biological & Ecological	Group
Kerry	Mercy Secondary School Mounthawk	A Statistical Analysis of Neurodiversity in Junior Cycle Students.	Social & Behavioural Sciences	Individual
Kerry	Mercy Secondary School Mounthawk	Optimising Packing Problems With Computational Analysis And Further Mathematics	Chemical, Physical & Mathematical Sciences	Individual
Kerry	Community College Killorglin	Can natural fertilizer replace artificial fertilizer in farming	Chemical, Physical & Mathematical Sciences	Individual
Kerry	Community College Killorglin	Stop the knot before we lose the lot	Biological & Ecological	Group



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Kerry	Castleisland Community College	You know what gets on my nerves?... Multiple Sclerosis. An Investigation into viral marketing and what form of media is received most effectively by young people.	Social & Behavioural Sciences	Group
Kerry	Castleisland Community College	Anailís Staitistiúil ar Dhearcadh Déagóirí na hÉireann vs Déagóirí na Breataine Bige i Leith a dTeanga Dhúchais a Fhoghlaim	Social & Behavioural Sciences	Individual
Kerry	Gaelcholáiste Chiarraí	Reduce energy bills by producing biogas	Chemical, Physical & Mathematical Sciences	Individual
Kerry	Tarbert Comprehensive School	CPR Pedal Chest Compression Device Improved	Technology	Group
Kerry	Pobalscoil Inbhear Scéine	Derustifier	Chemical, Physical & Mathematical Sciences	Group
Kerry	Pobalscoil Inbhear Scéine	pollution is not the solution	Chemical, Physical & Mathematical Sciences	Group
Kerry	Pobalscoil Inbhear Scéine	Does Caffeine Affect Your Athletic Performance?	Biological & Ecological	Group
Kerry	Pobalscoil Inbhear Scéine	It's Getting Hot In Here - Aerosols in the Atmosphere.	Chemical, Physical & Mathematical Sciences	Group



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Kerry	Pobalscoil Inbhear Scéine	Clash of the Ash	Chemical, Physical & Mathematical Sciences	Group
Kerry	Pobalscoil Inbhear Scéine	Chemical Hand Warmer	Chemical, Physical & Mathematical Sciences	Group
Kerry	Presentation Secondary School Listowel	How does colour affect the processing of information in 12-16 year olds.	Social & Behavioural Sciences	Group
Kerry	Presentation Secondary School Listowel	B.A.T.S (Blind. Assistance. Training. Sensor)	Technology	Group
Kerry	Presentation Secondary School Listowel	To test if dried green algae will act as an insulator and a possible alternative to fiberglass	Biological & Ecological	Group
Kerry	Scoil Phobail Sliabh Luachra	does vaping negatively effect the fitness of senior cycle students.	Biological & Ecological	Group
Kerry	Killarney Community College	Investigating Generalisations of Pythagoras' Theorem Using Iterated Function Systems and Hutchinson Attractors	Chemical, Physical & Mathematical Sciences	Group
Kildare	Newbridge College	What is the best way to communicate complex topics with a non-expert?	Social & Behavioural Sciences	Individual
Kildare	Newbridge College	An investigation into the quickest path of an object under gravity	Chemical, Physical & Mathematical Sciences	Group
Kildare	Newbridge College	Optimising wind turbine efficiency	Chemical, Physical & Mathematical Sciences	Individual



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Kildare	Newbridge College	Forecasting an individual's political leaning based-off their social media profile.	Social & Behavioural Sciences	Individual
Kildare	St Pauls Secondary School	A Recreation of Pac-Man	Technology	Group
Kildare	Clongowes Wood College	Passing Networks in Rugby Sevens - The Dependence of Boolean Success on Quantity of Passes within a Phase	Chemical, Physical & Mathematical Sciences	Group
Kildare	Coláiste Naomh Mhuire	Leonardo da Vinci's Inventions: Comparing Yesterday With Today	Technology	Group
Kildare	Coláiste Naomh Mhuire	Green habits- An app that helps users create eco-friendly habits	Technology	Group
Kildare	Coláiste Naomh Mhuire	Hypo vs Hyper – An investigation into the awareness of the public into the differences between Hypoglycemia and Hyperglycemia.	Social & Behavioural Sciences	Individual
Kildare	Confey Community College	Creating a secure and accessible healthcare platform	Technology	Individual
Kildare	Maynooth Post Primary School	"An investigation into the practicality of proliferating blood transfusions and to discern why there has been a decline of donations in Ireland over recent years"	Social & Behavioural Sciences	Group
Kildare	Gaelcholáiste Mhaigh Nuad	Cluichí Teaglamacha: Conas a athraíonn na réitigh nuair a athraíonn na rialacha?	Chemical, Physical & Mathematical Sciences	Individual



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Kildare	Gaelcholáiste Mhaigh Nuad	AEC le haghaidh AED (Aláram atá cost-éifeachtúil le haghaidh AED poiblí)	Technology	Group
Kildare	Gaelcholáiste Mhaigh Nuad	An gcuireann claonadh sa mheán isteach ar torthaí AI bunaithe ar íomhánna cosúil le Google Lens?	Technology	Individual
Kildare	Celbridge Community School	Sláinte-Link: A Web3 based secure medical records system.	Technology	Individual
Kilkenny	Meánscoil na mBráithre Criostaí	How does your Food and Water Intake Affect your Physical Performance?	Chemical, Physical & Mathematical Sciences	Group
Kilkenny	St Kieran's College	Bambú v ash	Chemical, Physical & Mathematical Sciences	Group
Kilkenny	St Kieran's College	Footwear experiment	Chemical, Physical & Mathematical Sciences	Group
Kilkenny	St Kieran's College	The effects of printing money and the realistic possibility of going cashless.	Social & Behavioural Sciences	Group
Kilkenny	Loreto Secondary School	An investigation into the potential for biogas production from wetland plant species as a possible farming alternative for rewetted wetlands	Biological & Ecological	Group
Kilkenny	Loreto Secondary School	Comparing the flora and fauna of city vs country hedgerows	Biological & Ecological	Group



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Kilkenny	Loreto Secondary School	Under what circumstances is Rote Learning worthwhile?	Social & Behavioural Sciences	Group
Kilkenny	Loreto Secondary School	Are you a good person?	Social & Behavioural Sciences	Group
Kilkenny	Loreto Secondary School	How biometrics affect our athleticism	Biological & Ecological	Individual
Kilkenny	Loreto Secondary School	Let Me Put A Filter On That: A Colourful View Into Dyslexia	Biological & Ecological	Group
Kilkenny	Loreto Secondary School	An investigation into the quantity of protein in protein supplements	Chemical, Physical & Mathematical Sciences	Group
Kilkenny	Loreto Secondary School	Technology overload.... The effects of technology on our generations daily lives.	Technology	Group
Kilkenny	Loreto Secondary School	Investigation into horse fitness	Biological & Ecological	Group
Kilkenny	Loreto Secondary School	Can brain reaction time be improved by exercise, nutrition or the ingestion of stimulants?	Social & Behavioural Sciences	Group
Kilkenny	Loreto Secondary School	Muscle memory vs visualisation : a comparative study	Biological & Ecological	Group
Kilkenny	Loreto Secondary School	Does our genetic composition affect the ability of our tastebuds	Biological & Ecological	Group
Kilkenny	Presentation Secondary School	To spread awareness of how nutrition effects young athletes lives?	Social & Behavioural Sciences	Group



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Kilkenny	Presentation Secondary School	A Look Into Our Minds; When Are We At Our Most Dangerous	Social & Behavioural Sciences	Group
Kilkenny	Presentation Secondary School	How sleep affects mental and physical challenges	Social & Behavioural Sciences	Group
Kilkenny	Presentation Secondary School	Is genetic modification ethical?	Biological & Ecological	Group
Kilkenny	Coláiste Pobail Osraí	An Tuirbín Intitimeach	Technology	Group
Kilkenny	Coláiste Pobail Osraí	An éifeacht trasnaíochta comhthéacsúla agus foghlaim i gcór déagóirí.	Social & Behavioural Sciences	Individual
Kilkenny	Coláiste Pobail Osraí	Glasbhealach nó Iarnród? Anailís staitisticíúil ar sean-iarnród idir Mainistir na Corann agus Eochail	Social & Behavioural Sciences	Individual
Kilkenny	Coláiste Pobail Osraí	Éifeacht dhíghalrú aibhneacha ar fhiadhúlra.	Biological & Ecological	Group
Kilkenny	Coláiste Pobail Osraí	Plaisteach sa farraige agus an eifeacht ata againn ann	Biological & Ecological	Group
Kilkenny	Coláiste Pobail Osraí	Is horse play really a bad thing?	Social & Behavioural Sciences	Individual
Kilkenny	Castlecomer Community School	How social setting can impact on performance; a study of individuals vs group performance in a video game Mario Kart	Social & Behavioural Sciences	Group
Kilkenny	Castlecomer Community School	Co- Educational versus Single sex schools; Where do Irish girls perform better?	Social & Behavioural Sciences	Group



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Kilkenny	Castlecomer Community School	Walking aid with GPS notification function for use on farm	Technology	Group
Kilkenny	Castlecomer Community School	Vehicle Speed Control	Technology	Group
Laois	MOUNTRATH COMMUNITY SCHOOL	Aquaculture- The Impact Of Crude Protein Supplementation On Dairy Cow Production and Nitrogen Excretion In Urine In Late Lactation and The Effects This Has On Irish Waterways.	Biological & Ecological	Group
Leitrim	MOHILL COMMUNITY COLLEGE	A wind turbine design that is better for the environment and more cost effective.	Technology	Individual
Leitrim	St. Clare's Comprehensive School	Consent knowledge in teens and early twenties.	Social & Behavioural Sciences	Individual
Leitrim	St. Clare's Comprehensive School	PharmaCheck: A Medicine Interaction Checker	Chemical, Physical & Mathematical Sciences	Individual
Leitrim	St. Clare's Comprehensive School	Energy usage in our school	Biological & Ecological	Group
Leitrim	St. Clare's Comprehensive School	A Study into the Distress of Transgender Individuals and their Experiences with Social Prejudice	Social & Behavioural Sciences	Individual
Leitrim	Carrick-on-Shannon Community School	'SouthGain' reducing your energy bill through planning south facing windows during renovation or construction	Technology	Individual



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Limerick	Scoil Pól	An investigation into if young people are informed about the mental health of those around them and themselves	Social & Behavioural Sciences	Group
Limerick	Scoil Pól	To investigate how the reservoir height affects the hydroelectric energy production	Chemical, Physical & Mathematical Sciences	Group
Limerick	Scoil Pól	Are you being charged?	Chemical, Physical & Mathematical Sciences	Group
Limerick	Scoil Pól	Siri, Are you listening?	Social & Behavioural Sciences	Group
Limerick	Salesian Secondary College	an investigation into the long term affects of peoples mental health during the COVID 19 pandemic	Social & Behavioural Sciences	Group
Limerick	Salesian Secondary College	An investigation into the use of external electrical impulses in the treatment and management of Raynaud's disease	Technology	Individual
Limerick	Salesian Secondary College	Baby and Pet Car Sensor (BPCS)	Technology	Group
Limerick	Salesian Secondary College	Psychological Phenomena	Social & Behavioural Sciences	Individual
Limerick	Salesian Secondary College	How muscle plays a role in disease prevention	Biological & Ecological	Individual
Limerick	Coláiste Nano Nagle	Whistleblower	Technology	Individual



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Limerick	Coláiste Nano Nagle	Hit The Books	Technology	Group
Limerick	Coláiste Nano Nagle	Keepin' it halal	Technology	Group
Limerick	Laurel Hill Secondary School FCJ	Nuclear Power in Ireland – is Stigma holding us Back?	Social & Behavioural Sciences	Individual
Limerick	Laurel Hill Secondary School FCJ	Turn it off or keep it on - which is more energy efficient	Chemical, Physical & Mathematical Sciences	Group
Limerick	Laurel Hill Secondary School FCJ	Taller Together	Biological & Ecological	Group
Limerick	Laurel Hill Secondary School FCJ	The Link Between Misogyny and The Perception of Fan Culture	Social & Behavioural Sciences	Group
Limerick	Desmond College	Upstairs/ Downstairs, enabling people to navigate stairs more easily.	Technology	Individual
Limerick	Desmond College	A Rubbish Physics Project	Chemical, Physical & Mathematical Sciences	Group
Limerick	Desmond College	Measure the speed of light using a microwave	Chemical, Physical & Mathematical Sciences	Group
Limerick	Desmond College	Dying to look good.	Chemical, Physical & Mathematical Sciences	Individual



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Limerick	Desmond College	Solution for adhesive capsulitis and other common shoulder complications.	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Colaiste Chiarain	The development of a wearable device to alert and remind the user to apply sunscreen	Technology	Group
Limerick	Colaiste Chiarain	How to Make an Aircraft Invisible to Radar	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Colaiste Chiarain	Investigating The Viability of Micro-Level Wind Generation	Technology	Individual
Limerick	Colaiste Chiarain	Using a plasma globe to teach about electric and magnetic fields	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Coláiste Iósaef	Prevalence of Eating Disorders in Adolescent Boys in an Irish School	Social & Behavioural Sciences	Group
Limerick	GAELOHOLÁISTE LUIMNIGH	Córas Oideachas VS Covid Oideachas !	Social & Behavioural Sciences	Group
Limerick	Mungret Community College	Factors Affecting Muon Flux Density	Chemical, Physical & Mathematical Sciences	Group
Limerick	Mungret Community College	Artificial light impacts the physical and nutritional quality of leafy greens	Biological & Ecological	Individual
Limerick	Mungret Community College	Natural fertilisation versus Artificial fertilisation	Biological & Ecological	Individual



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Limerick	John The Baptist Community School	"You've Got to Move It to Lose It" Can movement breaks in schools reduce stress in secondary school students?	Social & Behavioural Sciences	Group
Limerick	John The Baptist Community School	Bull Accelerate	Technology	Group
Limerick	John The Baptist Community School	Are eco-friendly, sustainable make-up brands the future of beauty products?	Chemical, Physical & Mathematical Sciences	Group
Limerick	John The Baptist Community School	An investigative study into whether artificial ultraviolet light (UV) aids the process of photodegradation causing plastic to degrade quicker	Chemical, Physical & Mathematical Sciences	Group
Limerick	Coláiste Nano Nagle	Homelessness	Social & Behavioural Sciences	Individual
Longford	Ardcoil Phadraig	As we age technology literacy levels decrease	Social & Behavioural Sciences	Group
Longford	Lanesboro Community College	Learning environments that LAST: An enquiry into student opinion on Light, Air quality, Space and Temperature in classrooms.	Social & Behavioural Sciences	Individual
Longford	Lanesboro Community College	How big an affect does Social Media have on gate receipts in the League of Ireland?	Social & Behavioural Sciences	Individual
Longford	Lanesboro Community College	Covid-19 Conspiracies and the Internet	Social & Behavioural Sciences	Individual



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Longford	Lanesboro Community College	Running up that hill: Investigating the impact of school location, size and socioeconomic status on school performance at national cross country events from 2012 to 2022	Social & Behavioural Sciences	Individual
Louth	St Mary's Diocesan School	Which is more Attractive Composite faces or Real Faces?	Social & Behavioural Sciences	Individual
Louth	Colaiste Rís	Investigating the Immunosurveillant properties of erythrocyte-bound toll-like receptors	Biological & Ecological	Group
Louth	Colaiste Rís	Students' Perceptions Towards Science upon Transition to Secondary School	Social & Behavioural Sciences	Group
Louth	St Vincent's Secondary School	The effect of aging on balance	Biological & Ecological	Group
Louth	Dundalk Grammar School	DermAI- Deep Neural Network Based Detection Tool for the Classification of Benign and Malignant Skin Lesions in Aid of Early Prognosis	Technology	Individual
Louth	St Oliver's Community College	JAH0 -3D	Technology	Group
Louth	Coláiste Chú Chulainn	Oxidation Of Apples: Does the pH of an Apple Change as it Ripens?	Chemical, Physical & Mathematical Sciences	Group
Mayo	Coláiste Cholmáin	Tyrex	Social & Behavioural Sciences	Individual



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Mayo	Mount St Michael	Foghlaím	Social & Behavioural Sciences	Group
Mayo	Mount St Michael	STIGMA	Social & Behavioural Sciences	Individual
Mayo	Mount St Michael	Adhd VRC	Technology	Group
Mayo	Sacred Heart School	Sex Bias in the Diagnosis of Chronic Illnesses.	Social & Behavioural Sciences	Group
Meath	St. Joseph's Secondary School, Navan,	P.E-riod	Biological & Ecological	Group
Meath	St. Joseph's Secondary School, Navan,	Does an apple a day still keep the doctor away	Biological & Ecological	Group
Meath	Eureka Secondary School	Puff Nation	Social & Behavioural Sciences	Group
Meath	Boyne Community School	To Dye or Not to Dye	Technology	Group
Meath	Boyne Community School	Anytime Rain	Technology	Group
Monaghan	Our Lady's Secondary School	waste water fertilizer	Biological & Ecological	Group
Monaghan	Our Lady's Secondary School	A Statistical Study into the financial sustainability of the agricultural sector in Ireland	Social & Behavioural Sciences	Individual
Monaghan	Our Lady's Secondary School	The True Cost of The Accommodation Crisis in Ireland	Social & Behavioural Sciences	Individual



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Monaghan	Largy College	Acid attack_! what is really going on with your oral health?	Chemical, Physical & Mathematical Sciences	Individual
Monaghan	Largy College	Person First - Player Second: Investigating the Extent of Abusive Side-line Behaviour in Underage Team Sport.	Social & Behavioural Sciences	Group
Monaghan	Castleblayney College	U'Ve Been Framed?	Chemical, Physical & Mathematical Sciences	Group
Monaghan	Castleblayney College	If In Drought, Wool Will Help Out!	Biological & Ecological	Group
Monaghan	Castleblayney College	The Impact of Various Motivation Methods on Sporting Outcomes of Students	Social & Behavioural Sciences	Group
Offaly	Sacred Heart Secondary School	Is professional rugby more physical than it was before?	Chemical, Physical & Mathematical Sciences	Individual
Offaly	Sacred Heart Secondary School	Engine tuning and it's Benefits	Technology	Individual
Offaly	Tullamore College	Sleep Well	Biological & Ecological	Group
Offaly	Tullamore College	The Wrist Assist	Technology	Group
Offaly	Tullamore College	Testing Daphnia's heart rates in different teas.	Biological & Ecological	Group



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Offaly	Tullamore College	To investigate the effect temperature has on concentration and memory levels	Social & Behavioural Sciences	Group
Offaly	GALLEN COMMUNITY SCHOOL	Farm Safety Slurry Sensor	Technology	Group
Roscommon	Scoil Muire gan Smal	“Paperback or Online: Which is most effective for students’ learning?”	Social & Behavioural Sciences	Group
Roscommon	Scoil Mhuire	An investigation into the correlation between mobile phone use and stress amongst post primary students.	Social & Behavioural Sciences	Individual
Roscommon	Scoil Mhuire	Coffee fuel: biofuel made from used coffee grounds	Chemical, Physical & Mathematical Sciences	Group
Roscommon	Scoil Mhuire	Why do girls outperform boys in the Leaving Certificate? - A Research Investigation	Social & Behavioural Sciences	Group
Roscommon	Scoil Mhuire	Built-in weight indicator for a child’s car seat.	Technology	Group
Roscommon	Coláiste Chiaráin	Music + Maths = a Perfect Pair	Social & Behavioural Sciences	Individual
Roscommon	Coláiste Chiaráin	An investigation into the microbial properties of pine tree sap	Biological & Ecological	Group
Roscommon	Coláiste Chiaráin	A Safer Swim	Technology	Group



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Roscommon	Roscommon Community College	The long-term effects of a more sustainable method of keeping nutrients in the soil as an alternative to an artificially made granule	Biological & Ecological	Individual
Roscommon	Roscommon Community College	An investigation into the effects of Technostress (TS), Compulsive Social App Usage (CSAU) and Fear of Missing Out (FOMO) on the academic performance of Post-Primary Students in Ireland.	Social & Behavioural Sciences	Group
Roscommon	Roscommon Community College	Radon Revelations: An investigation to create public awareness of the relationship between radon levels and ventilation in homes in Ireland	Chemical, Physical & Mathematical Sciences	Group
Roscommon	Roscommon Community College	Upcycling Waste Streams for Horticultural and Agricultural Use Through the Addition of Biofibre (Wool) B	Biological & Ecological	Group
Roscommon	Roscommon Community College	An investigation into the prevalence of graffiti in post-primary school bathrooms and student motivations for graffiti involvement	Social & Behavioural Sciences	Group
Roscommon	Abbey Community College	Nature within the walls	Chemical, Physical & Mathematical Sciences	Group
Roscommon	Castlerea Community School	Maths Anxiety In Students	Social & Behavioural Sciences	Group



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Sligo	Summerhill College	Sun Safety Attitudes and Awareness in Outdoor Work, Sports and Leisure in Ireland	Social & Behavioural Sciences	Group
Sligo	Summerhill College	Living Light: how modern light affects our lives	Chemical, Physical & Mathematical Sciences	Group
Sligo	Summerhill College	A study of the behaviour of adolescents in relation to a suspected concussion in team sport and the long term impacts of playing through a head injury	Social & Behavioural Sciences	Group
Sligo	Summerhill College	An examination of bacteria cultures cultivated from open water bodies, with additional research into possible antibiotic resistance.	Biological & Ecological	Group
Sligo	Ursuline College	CoolAid	Technology	Group
Sligo	Ursuline College	If you're happy and you know it flap your hands	Technology	Group
Sligo	Sligo Grammar School	Evaluation of a school's canteen food for boarders!	Biological & Ecological	Group
Sligo	Coola Post Primary School	Groovy Growth	Biological & Ecological	Group
Sligo	Coola Post Primary School	The Perfect Wind Turbine	Technology	Group
Sligo	Coola Post Primary School	Does your mattress affect your sleep?	Social & Behavioural Sciences	Group



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Sligo	Coola Post Primary School	Hydroponic Greenhouse Cultivation for Sustainable Agriculture	Biological & Ecological	Group
Tipperary	St Josephs College	"Back To Basics". A study into the ineffectiveness of the current PH scale and our efforts to find a new method of calculating PH.	Chemical, Physical & Mathematical Sciences	Group
Tipperary	St Josephs College	The New Sliotar	Chemical, Physical & Mathematical Sciences	Group
Tipperary	Rockwell College	Analyze the point cloud map fusion algorithm of multi-UAV VSLAM in dynamic scenes and try to optimize the solution	Technology	Individual
Tipperary	Cistercian College	A Comparative Study of the Levels of Electrolytes in Sports Drinks and the Impact they have on Physical Performance	Chemical, Physical & Mathematical Sciences	Group
Tipperary	Cistercian College	DOES THE DIFFERENT TYPES OF KICKING TEE AFFECT THE FLIGHT OF THE BALL?	Chemical, Physical & Mathematical Sciences	Group
Tipperary	Cistercian College	Preventing soil erosion and leaching with different types of plants	Biological & Ecological	Group
Tipperary	Cistercian College	Will the energy output of a hydrogen fuel cell charged by hydrogen and oxygen extracted from water meet the energy requirements to power a small scale wheelchair.	Chemical, Physical & Mathematical Sciences	Group



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Tipperary	C.B.S. Thurles	A comparative study into the factors influencing the effectiveness of a natural fertilizer on different soils.	Biological & Ecological	Individual
Tipperary	Presentation Secondary School Thurles	An ndéanann iarrachtaí na hÉireann an t-athrú aeráide a mhoilliú aon difríocht?	Biological & Ecological	Individual
Tipperary	Ursuline Secondary School	Restrictions on Addiction	Social & Behavioural Sciences	Group
Tipperary	The Abbey School	'Assessing the Impact of Second-Level Education on key Aspects of Adolescents Life and Development'	Social & Behavioural Sciences	Group
Tipperary	St. Anne's Secondary School	"Science Of Anger" A study of spectator reaction to referee decision making in juvenile GAA	Social & Behavioural Sciences	Group
Tipperary	Borrisokane Community College	In loving memory of.. How QR code help bring peaceful messages to your home	Technology	Group
Tipperary	Coláiste Mhuire Co-Ed	Period Poverty: An investigation into social and economics reasons for a stigma surrounding menstruation and women.	Social & Behavioural Sciences	Group
Tyrone	St Ciaran's College	Smart line – An automatic washing line to assist with the cost of living.	Technology	Group
Waterford	Gaelcholáiste Phort Láirge	An bfuil tionchar ar cruth cosantaí cósta eagsúila ar frithcaitheamh tonnta?	Chemical, Physical & Mathematical Sciences	Group



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Waterford	BLACKWATER COMMUNITY SCHOOL	A Statistical Analysis of Secondary-level Students' Opinions Towards Third Level Education and Apprenticeships	Social & Behavioural Sciences	Individual
Waterford	BLACKWATER COMMUNITY SCHOOL	Analog Computer using Water	Technology	Individual
Waterford	BLACKWATER COMMUNITY SCHOOL	How much is a teenager's hearing range affected by their age	Biological & Ecological	Individual
Waterford	BLACKWATER COMMUNITY SCHOOL	How raising awareness of online disinhibition can lower cases of cyberbullying in teens	Social & Behavioural Sciences	Individual
Waterford	BLACKWATER COMMUNITY SCHOOL	Hydrogen Powered Viscous Boundary Layer Jet Engine Concept	Technology	Individual
Waterford	BLACKWATER COMMUNITY SCHOOL	Where Is The Truth: The Effects of Media Propaganda on Ireland	Social & Behavioural Sciences	Individual
Waterford	BLACKWATER COMMUNITY SCHOOL	An ecological survey to examine effect of rhododendron and conifer trees on biodiversity of upland habitats.	Biological & Ecological	Individual
Westmeath	Marist College	Here-ing Aid	Technology	Group
Westmeath	Marist College	Does Lego make you more creative?	Social & Behavioural Sciences	Individual
Westmeath	Marist College	Lough Funsinagh; The Disappearing Lake That's Here to Stay	Social & Behavioural Sciences	Group



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Westmeath	Marist College	solar powered phone case	Technology	Group
Westmeath	Marist College	An Investigation into the Feasibility of Using Microcontrollers in Buoyancy Aids to Prevent Marine Casualties	Technology	Group
Westmeath	Our Lady's Bower	Wanted - Dead or Alive?	Biological & Ecological	Individual
Westmeath	Our Lady's Bower	From a Distance - A Risk Assessment Machine Learning Algorithm for Vulnerable Adults	Technology	Group
Westmeath	Meán Scoil an Chlochair	How images affect your decisions	Social & Behavioural Sciences	Group
Westmeath	Meán Scoil an Chlochair	Breakfast is the way to go!!	Biological & Ecological	Group
Westmeath	Meán Scoil an Chlochair	Is working during the school term having a positive or negative impact on a teenagers life?	Social & Behavioural Sciences	Group
Westmeath	Meán Scoil an Chlochair	Comparing the effects of a pre-workout supplement to coffee and a control on a workout	Biological & Ecological	Group
Westmeath	Colaiste Mhuire,	Autodoor.	Technology	Group
Westmeath	Colaiste Mhuire,	Pet Tracker App	Technology	Individual
Westmeath	Colaiste Mhuire,	BSS - Bike Safety System	Technology	Individual



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Westmeath	Colaiste Mhuire,	The Economy of Cannabis	Social & Behavioural Sciences	Individual
Westmeath	Colaiste Mhuire,	Angel Shot	Social & Behavioural Sciences	Group
Westmeath	St Finian's College	An Investigation into 'Gym Bro' culture in adolescent males	Social & Behavioural Sciences	Individual
Westmeath	St Finian's College	An investigation into the optimisation of swimming tumble turns	Chemical, Physical & Mathematical Sciences	Individual
Westmeath	Loreto College	Driving to Save Fuel	Chemical, Physical & Mathematical Sciences	Group
Westmeath	St Joseph's Secondary School	Creating a subtle fidget toy to help people with sensory overload	Social & Behavioural Sciences	Individual
Westmeath	St Joseph's Secondary School	Organ donation, breaking the boundaries	Social & Behavioural Sciences	Individual
Westmeath	Athlone Community College	Giving forgotten girls a voice: How Successful is the HSE at treating girls with endometriosis?	Social & Behavioural Sciences	Individual
Westmeath	Athlone Community College	Flies in Our Pies: why we should (and can) turn to environmentally friendly sources of protein.	Social & Behavioural Sciences	Individual
Westmeath	Athlone Community College	Can Magnets be used to Fuel Cars?	Technology	Individual



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Westmeath	Athlone Community College	Do Schools Accommodate for the needs of Neurodivergent Individuals?	Social & Behavioural Sciences	Individual
Westmeath	Athlone Community College	"Wrist Assist"	Technology	Group
Westmeath	Athlone Community College	A chemical examination of the biological effects of alcohol-based hand sanitizers on overall health.	Chemical, Physical & Mathematical Sciences	Group
Westmeath	Athlone Community College	A BSF Miracle?	Biological & Ecological	Group
Westmeath	Athlone Community College	Does Heat make you "Pitch Perfect"	Chemical, Physical & Mathematical Sciences	Individual
Westmeath	Athlone Community College	Investigation of sustainable methods for waste water bioremediation: including Spent mushroom substrate (SMS) and alginate from seaweed	Biological & Ecological	Individual
Westmeath	Castlepollard Community College	The Name Game; Do people judge you based on your first name rather than on observed ability?	Social & Behavioural Sciences	Group
Westmeath	Moate Community School	Talent or Gender? The Real Secret to a Good Game	Social & Behavioural Sciences	Group
Westmeath	Moate Community School	Plan Bee: A Natural Nutritious Feed for Bees during Autumn	Biological & Ecological	Group
Westmeath	Moate Community School	A Sweeter Way to Treat Equine Parasites	Biological & Ecological	Group



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Westmeath	Moate Community School	Garden Greening: Designing a Biodiversity Pillar to Remedy the Problems of Modern Gardening	Biological & Ecological	Group
Westmeath	Moate Community School	Driving the Elderly to a Safer Future: Using Video Games to Improve the Peripheral Vision of Elderly Drivers	Biological & Ecological	Group
Westmeath	Moate Community School	Can Native Waterweeds Solve Farmer's Feed and Pollution Problems?	Biological & Ecological	Group
Westmeath	Moate Community School	Bio Enzymes: A Cooler Way to Wash	Biological & Ecological	Group
Westmeath	Moate Community School	Lifestyle vs Low Carbon Footprint: Identifying the Factors that Influence Public Support for Environmental Initiatives	Social & Behavioural Sciences	Group
Westmeath	Moate Community School	Reducing Laminitis Incidence among Connemara Ponies: A Practical Approach	Biological & Ecological	Group
Wexford	F.C.J. Secondary School	Vaping Unveiled – Harmless or Habit-Forming?	Social & Behavioural Sciences	Group
Wexford	Meanscoil Gharman	An fheirmeoireacht uirbeach, aon áit, am.	Technology	Group
Wexford	Meanscoil Gharman	Imscrúdú ar an Éifeacht atá ag Binaural Beats ar an gcodladh	Social & Behavioural Sciences	Group
Wicklow	SEK-Dublin International School	Intelli-Pantry	Technology	Individual



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Wicklow	St Marys College	Has covid-19 lockdown resulted in increased rates of juvenile sports injuries and what has the psychological impact been?	Social & Behavioural Sciences	Individual
Wicklow	St Marys College	Lightning speed plant growth (Kachow)	Biological & Ecological	Group
Wicklow	St Marys College	The creation of retirement villages to impact the housing crisis in Ireland	Social & Behavioural Sciences	Individual
Wicklow	St David's Holy Faith Secondary	An investigation on the feasibility / application of lock patterns on modern encryption	Technology	Individual
Wicklow	St David's Holy Faith Secondary	A comparative analysis of beach litter in Wicklow, its environmental effects, and potential solutions for a more sustainable future.	Biological & Ecological	Individual
Wicklow	Dominican College	Understanding the chemical processes in photosynthesis	Chemical, Physical & Mathematical Sciences	Group
Wicklow	Colaiste Chraobh Abhann	Sustainable Forest Fire Prevention	Biological & Ecological	Group
Wicklow	Greystones Community College	Do Alpha Particles Behave as Waves?	Chemical, Physical & Mathematical Sciences	Group