



Qualified Projects 2025

The following projects have qualified for the virtual BT Young Scientist & Technology Exhibition, 8 - 11 January 2025. Not all projects are listed.

School County	School Name	Title	Category	Project Type
Antrim	Rathmore Gs	The application of abstract mathematical theories to mitigate against racial and gender bias in AI	Social & Behavioural Sciences	Individual
Antrim	St Dominic's High School	Speaking Gently, Suffering Silently: The Long-Term impact of Emotional Suppression Due to Harmful Linguistics on Mental Wellbeing	Health & Wellbeing	Individual
Antrim	St Dominic's High School	Investigating if Cloud Microphysics could be used to Predict Future Atmospheric Turbulences	Chemical, Physical & Mathematical Sciences	Individual
Armagh	St Patrick's High School	Using Biological Indicators to investigate the Air Quality in Co. Armagh.	Biological & Ecological	Group (3)
Armagh	St John the Baptist College	Exploring the Impact of Gaming on Mental Health and Academic Performance: Myth or Reality?	Social & Behavioural Sciences	Group (3)
Carlow	St Mary's Academy CBS	'The Gradual Decline of Hearing' with Age'	Health & Wellbeing	Group (3)
Carlow	St. Leo's College	Which Wood You Rather? An investigation into the concealed effects chemically-treated wood have on biodiversity and nature.	Biological & Ecological	Group (2)
Cavan	Breifne College	SmartMart	Technology	Group (3)
Cavan	Virginia College	Serene Studies! An investigation into a new and efficient way of education for students with sensory issues in mainstream classes.	Technology	Group (2)



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Cavan	Coláiste Dún an Rí	Utilizing global positional latitude data to align equatorial telescopes to the polar axis and determine correct declination angles.	Chemical, Physical & Mathematical Sciences	Group (3)
Cavan	Virginia College	Balancing the Scales ! Perceptions of fairness in Weight Loss: Surveying attitudes toward Ozempic.	Health & Wellbeing	Group (2)
Cavan	St Bricin's College	Waste to Watts: Harnessing Microbial Fuel Cells as a Renewable Resource for Developing Countries	Biological & Ecological	Group (2)
Cavan	St Bricin's College	Wild(Mix) Attraction - Uncovering Pollinator Preferences in Wildflower Mixes	Biological & Ecological	Individual
Cavan	St Bricin's College	Beyond the Binary: Statistical Insights into Inclusion and Perceptions of Transgender Athletes in Competitive Sports	Social & Behavioural Sciences	Group (2)
Cavan	Loreto College	The Strategies and Attitudes Women Have on Period Pain Relief and Their Impacts	Social & Behavioural Sciences	Group (2)
Cavan	St Patrick's College	Talamh Dubh: A charcoal retort for use in the home	Technology	Individual
Clare	Mary Immaculate Secondary School	Looking for tiny fossils hidden in the Burren limestone.	Chemical, Physical & Mathematical Sciences	Individual
Clare	St John Bosco Community College	Smog Sucks!	Technology	Group (2)



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Clare	St. Joseph's Secondary School Tulla	Why the Long Face? Investigating factors pertaining to the trajectories of young female equestrians into elite equestrian disciplines.	Social & Behavioural Sciences	Individual
Clare	St John Bosco Community College	The effect of blue oyster mushrooms on the rate of decomposition of waste.	Biological & Ecological	Group (3)
Clare	St. Joseph's Secondary School Spanish Point	Lovely Bubbly Bladderwrack: Investigating the effect of exposure on the size of air bladders on Bladderwrack.	Biological & Ecological	Group (2)
Clare	St Joseph's Community College	Herd Herbs: Herbal Remedies to Prevent Mastitis in Dairy Cows	Biological & Ecological	Group (3)
Clare	St Joseph's Community College	InstaVape: Ensuring Safe Vaping with Instant, On-the-Go Substance Detection	Technology	Group (3)
Clare	Mary Immaculate Secondary School	Fashion over Function: Do Polo Wraps cause more harm than good?	Biological & Ecological	Individual
Clare	Mary Immaculate Secondary School	Is there a way to improve traffic flow in the Burren?	Social & Behavioural Sciences	Group (2)
Clare	Mary Immaculate Secondary School	An investigation into the feasibility of using Ulva lactuca as a method in the removal of nitrates and phosphates from sea water.	Biological & Ecological	Individual
Clare	Ennistymon Community School	AI Control of Robots using Reinforcement Learning Algorithms	Technology	Group (2)
Clare	St. Joseph's Secondary School Tulla	Pea Power---A Sustainable Protein Crop	Biological & Ecological	Group (2)



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Clare	Ennistymon Community School	Analysis of voice frequencies using FFT	Chemical, Physical & Mathematical Sciences	Individual
Clare	Mary Immaculate Secondary School	Are dog whelks (Nucella lapillus) selective in relation to the size of their prey (Mytelus edulis)	Biological & Ecological	Individual
Clare	Ennistymon Community School	Optimisation of movement in a school campus using Graph Theory.	Chemical, Physical & Mathematical Sciences	Group (3)
Clare	Mary Immaculate Secondary School	Investigation into the Possible Improvement of Student and Teacher Wellbeing within the Irish Education System	Health & Wellbeing	Individual
Clare	Mary Immaculate Secondary School	Is the teabag method a more sustainable way of water testing?	Biological & Ecological	Individual
Clare	St. Joseph's Secondary School Tulla	Bioelectrical Production: Microbial Fuel Cells (MFCs) as an Alternative Energy Source.	Chemical, Physical & Mathematical Sciences	Group (3)
Clare	Mary Immaculate Secondary School	Investigating the effect of light and temperature on the bleaching of <i>Corallina officinalis</i>	Biological & Ecological	Individual
Cork	St Mary's Secondary School Macroom	Perceptions and Attitudes among Irish Public, Landowners and Farmers towards Birds of Prey in Ireland: A Case Study on Hen Harrier Conservation in Ballyourney	Social & Behavioural Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Cork	St Mary's Secondary School Macroom	“Eochracha agus droichid” - A sociolinguistic investigation into how grammatical gender affects the thought and cognition of English and Irish speakers.	Social & Behavioural Sciences	Individual
Cork	Regina Mundi College	Assessing the effectiveness of the Deposit Return Scheme in reducing plastic waste in Cork	Biological & Ecological	Group (3)
Cork	St. Brogan's College, Bandon	Do I have your number 1 and why? A statistical analysis of people's attitudes towards voting in local and general elections.	Social & Behavioural Sciences	Group (3)
Cork	Coláiste Pobail Bheanntaí	How does your cup a day chase the worms away?	Chemical, Physical & Mathematical Sciences	Group (2)
Cork	St Mary's Secondary School Macroom	Should Children Under 12 Be Banned From Owning Smartphones	Social & Behavioural Sciences	Group (2)
Cork	St Mary's Secondary School Macroom	Building Barriers: Unravelling Why Women Are Underrepresented in the Construction Industry	Social & Behavioural Sciences	Group (3)
Cork	St Mary's Secondary School Macroom	An Investigation into the Impact of Hospital Overcrowding on Patients and Healthcare Providers	Social & Behavioural Sciences	Group (3)
Cork	Colaiste An Phiarsaigh	An bhfuil Ozempic sláintiúil	Health & Wellbeing	Group (2)
Cork	Kinsale Community School	EcoLytx: ML-Powered Environmental Monitoring and Spectral Analysis of invasive Rhododendron Ponticum	Biological & Ecological	Individual



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Cork	Scoil Mhuire gan Smal	Short Term Rental Conversion: an Avoidable Catalyst of Home Overvaluation?	Social & Behavioural Sciences	Individual
Cork	St Mary's Secondary School Macroom	Algorithmic Influences: An Investigation into the Impact of Social Media Algorithms on Mental Health and Behaviour Among Irish Secondary School Students.	Social & Behavioural Sciences	Individual
Cork	Coláiste Choilm	The Analysis of People's misconceptions of dyslexia and to highlight the positive attributes associated with this learning disability	Health & Wellbeing	Group (2)
Cork	Coláiste Choilm	Investigating Mycelium Electrical Signals: Developing a Digital Interface and Exploring Applications of Fungal Networks as Biohybrid Sensors	Biological & Ecological	Individual
Cork	Coláiste Choilm	A comparative analysis on the experience of bullying and social media use in co-ed schools vs single sex school	Health & Wellbeing	Group (3)
Cork	St Mary's High School	Microplastics on the Menu: Food in Markets versus Supermarkets	Biological & Ecological	Group (2)
Cork	St Mary's High School	The Power of the Right Mind-set in Improving Cognitive Test Performance.	Social & Behavioural Sciences	Group (3)
Cork	Clonakilty Community College	Imscrúdú ar na Buntáistí a Bhaineann le Tumadh Uisce Fuair.	Health & Wellbeing	Group (3)
Cork	Clonakilty Community College	Development and Investigation of an Eco Friendly Mycelium-Based Air Filter	Chemical, Physical & Mathematical Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Cork	Clonakilty Community College	An investigation into Undiagnosed Visual Stress in Irish Students and Development of a Preliminary Diagnostic Test	Health & Wellbeing	Individual
Cork	Clonakilty Community College	The Importance of Golf Psychology	Social & Behavioural Sciences	Group (3)
Cork	Clonakilty Community College	Fogponics: An Investigation into Better Crop Production	Biological & Ecological	Group (3)
Cork	Loreto Secondary School	The Hitchhiker's Guide to the Manosphere – the Effects of Manosphere Content on the Mental Health of Adolescent Boys	Social & Behavioural Sciences	Group (2)
Cork	Ballincollig Community School	Orthostatic testing to see recovery in different sports and training volumes	Health & Wellbeing	Group (2)
Cork	Coláiste Fionnchua	An investigation concerning the existence of a secondary atmosphere on 55 cancri e using transmission and thermal emission spectroscopy	Chemical, Physical & Mathematical Sciences	Individual
Cork	St Mary's Secondary School Macroom	Cropping and Docking: Cool or Cruel?	Biological & Ecological	Individual
Cork	Coláiste Choilm	Can exercise positively influence academic performance? An investigation into the effects of exercise on primary school students' academic achievements	Biological & Ecological	Group (2)



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Cork	Millstreet Community School	A statistical analysis of how frequent CL injuries have become in recent years in male versus female.	Health & Wellbeing	Group (2)
Cork	Coláiste Choilm	An Investigation into Different Forms of Gambling and Social Perception in Youth	Health & Wellbeing	Individual
Cork	Coláiste Choilm	Which breathing technique is most effective in reducing symptoms of exercise induced bronchoconstriction : Buteyko vs Alternate Nostril Breathing	Biological & Ecological	Group (2)
Cork	St Peter's Community School	Are coaches prior beliefs of gender associated with basketball players progression in a six week trial	Health & Wellbeing	Group (2)
Cork	Kinsale Community School	Wound Protection Cage 2.0	Health & Wellbeing	Group (2)
Cork	Christ King Girls' Secondary School	Is Privacy Possible in a Modern World?	Social & Behavioural Sciences	Individual
Cork	Christ King Girls' Secondary School	Project AVAI	Social & Behavioural Sciences	Individual
Cork	Coláiste Choilm	A comparative study on the mental health symptoms experienced by two generations of the same family	Social & Behavioural Sciences	Individual
Cork	Christ King Girls' Secondary School	Bright Minds App; A Brighter way for Children to Learn!	Technology	Group (3)



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School County	School Name	Title	Category	Project Type
Cork	Pobalscoil na Tríonóide	“You Belong With Me” - The Psychology Behind the Taylor Swift Concert Phenomenon: Analyzing Fan Behaviour through Social and Behavioural Theories	Social & Behavioural Sciences	Individual
Cork	St Aloysius School	Ro-Bee an Assistance Technology to Support Bee Pollination.	Technology	Group (2)
Cork	Loreto Secondary School	What is the psychological reasoning behind people not contributing to their recovery from epileptic seizures	Health & Wellbeing	Group (2)
Cork	Coláiste an Spioraid Naeimh	The CURT: A Cork Underground Rapid Transit system designed by the Physarum Polycephalum slime mould.	Biological & Ecological	Group (3)
Cork	Christ King Girls' Secondary School	Development of a Gamified First Aid Education and Emergency Response Simulation App for Young Children	Health & Wellbeing	Individual
Cork	Colaiste An Phiarsaigh	Anailís ar ghrianghrafadóireacht analógach agus digiteach	Technology	Group (2)
Cork	Kinsale Community School	A Comprehensive Predictive Diagnostic System for Radiology	Technology	Individual
Cork	Coláiste an Spioraid Naeimh	Humans vs. AI: Testing the Detectives of AI Authenticity	Social & Behavioural Sciences	Group (3)



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Cork	St. Brogan's College, Bandon	Addicted? An investigation into the positive and negative impacts of removing students access to their phones using Yondr. Bags during the school day	Health & Wellbeing	Group (2)
Cork	Bandon Grammar School	Mind Over Matter - Investigating the Impact That Post-Operative Rehabilitative Care Has on the Mental Health of Adolescents With a Spinal Fusion	Social & Behavioural Sciences	Individual
Cork	St Mary's Secondary School Macroom	"Assessing Uptake and Impact: A Study on the Implementation of Free Lunch Schemes in Primary Schools across Ireland"	Social & Behavioural Sciences	Individual
Cork	St Mary's Secondary School Macroom	The Social Impact of Ireland's Deposit Return Scheme: Assessing Public Perception and Accessibility Across Diverse Communities	Social & Behavioural Sciences	Individual
Cork	St Mary's Secondary School Macroom	An investigation into Irish Public's Awareness around Global Warming compared to their Willingness to Combat Against it	Social & Behavioural Sciences	Individual
Cork	Coláiste Choilm	"Crisis Crunch": Healthier and Sustainable Alternative for Emergency Relief.	Biological & Ecological	Individual
Cork	Kinsale Community School	Watt Now?: A More Eco-Friendly Electrical Plug	Technology	Individual
Cork	St Mary's Secondary School Macroom	"Oh Deer": An investigation into how deer overpopulation might be, biodiversity, agriculture and road safety's biggest rut.	Biological & Ecological	Group (2)



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Cork	Gaelcholáiste Mhuire	An tionchar agus Leigheasacháin do Grabhóig Rubar sa Timpeallacht	Biological & Ecological	Group (3)
Cork	Ballincollig Community School	How menstruation impacts the lives of secondary school females.	Health & Wellbeing	Group (3)
Cork	St Mary's Secondary School Mallow	Boosting Brainpower: An Investigation into the Effect of 'Movement Breaks' on Student Cognition, Well-Being, and Academic Performance	Health & Wellbeing	Group (2)
Cork	Davis College	AI Trained Camera for Detecting Dogs and other Quadrupedal Animals in Public Places.	Technology	Group (2)
Cork	Millstreet Community School	An Assessment of the Reliability of Weather Proverbs in a Time of Climate Change	Biological & Ecological	Group (3)
Cork	Coláiste Choilm	The Outsiders: An Investigation into Exclusion and Othering	Social & Behavioural Sciences	Group (2)
Cork	St Mary's Secondary School Macroom	The Silent Struggle: An investigation into Irish women's attitudes towards a HRT Scheme for menopausal symptoms	Social & Behavioural Sciences	Individual
Cork	St Mary's Secondary School Macroom	Is Childhood Shrinking?	Social & Behavioural Sciences	Group (2)
Cork	St Mary's Secondary School Macroom	An Investigation into Dynamic Ticket Pricing and Cost Barriers to Concert Attendance	Social & Behavioural Sciences	Group (2)
Cork	St Mary's Secondary School Macroom	"An investigation into the effect of education on youth mental health in Ireland: a comprehensive study."	Health & Wellbeing	Group (3)



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Cork	Boherbue Comprehensive School	The Effect Siblings Have on a Person's Sleep	Health & Wellbeing	Group (3)
Cork	St Vincent's Secondary School	Inclusivity	Health & Wellbeing	Group (2)
Cork	Colaiste An Phiarsaigh	An Éifeacht Mandela: Conas a oibríonn sé?	Social & Behavioural Sciences	Group (2)
Cork	Carrignafof Community College	How our acoustic environment affects our cardiovascular health	Health & Wellbeing	Group (3)
Cork	St Mary's Secondary School Mallow	An Investigation into the Role of Noise in Irish Schools: Impacts on Behaviour, Learning, and Emotional Health in Mainstream and SEN Students	Health & Wellbeing	Individual
Cork	Skibbereen Community School	Anaerobic Digester- Gadget or Gimmick? A study of the practical, financial and environmental benefits of using an anaerobic digester in our school community.	Social & Behavioural Sciences	Group (3)
Cork	St Mary's Secondary School Mallow	An Investigation into using Total Leaf-Area as a predictive tool for determining below-ground biomass at all stages in the growth of selected Root-Crop Plants.	Biological & Ecological	Group (3)
Cork	Loreto Secondary School	The impact of diet interventions on 2km rowing performance.	Biological & Ecological	Individual
Cork	Skibbereen Community School	Problematic Parasites! Comparative Study Between Composite Faecal Samples and Individual Faecal Samples	Biological & Ecological	Group (2)



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School County	School Name	Title	Category	Project Type
Cork	St Mary's Secondary School Mallow	An investigation into micro-plastic degradation in aquatic habitats using UV and heat energy, and their potential for reducing potable water contamination.	Chemical, Physical & Mathematical Sciences	Group (3)
Cork	St Mary's Secondary School Mallow	Development and Evaluation of a Wearable Distress Detection and Response System for Open Water Swimmers	Technology	Group (3)
Cork	St. Brogan's College, Bandon	PM-DAC: A System For Removing CO2 From The Atmosphere	Technology	Individual
Cork	Christian Brothers College	Extracurricular Activities in Post-Primary Education: Fun or Forced?	Health & Wellbeing	Individual
Cork	Coláiste an Spioraid Naomh	Hydroponics Towers, Rockwool v Earthwool	Biological & Ecological	Group (3)
Cork	St Colman's Community College	river creature crisis	Biological & Ecological	Individual
Cork	Kinsale Community School	An analytical investigation into people's behaviour in relation to the Deposit Return Scheme (DRS)	Social & Behavioural Sciences	Group (2)
Cork	Colaiste Treasa	Moo-ving Beyond Milk! A study of the acceptance of plant-based milk alternatives (PBMA's) before and after being provided with a list of ingredients	Social & Behavioural Sciences	Group (2)
Cork	Davis College	Let's Get Rolling- Wheelchair Fitbit	Health & Wellbeing	Group (2)



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Cork	St Mary's Secondary School Mallow	Analysing Temporal Variations in Quasar Flux: A Python-Based Approach to Satellite and Observatory Images	Chemical, Physical & Mathematical Sciences	Group (2)
Cork	Scoil Mhuire gan Smal	A mathematical investigation into Ulam Spirals	Chemical, Physical & Mathematical Sciences	Group (3)
Cork	Scoil Mhuire gan Smal	Wii Calm: Reducing Rage In Gaming	Health & Wellbeing	Individual
Cork	Kinsale Community School	Ultra processed food and the effect it has on us.	Health & Wellbeing	Group (2)
Cork	Loreto Secondary School	Title: An investigation of the impact of the Covid-19 lockdown on social gatherings of teenagers.	Social & Behavioural Sciences	Individual
Cork	Colaiste Treasa	A statistical analysis of a before and after study (2019-2024) to assess the impact of pandemic induced lifestyle changes on adolescent internet usage effects.	Social & Behavioural Sciences	Group (2)
Cork	Christian Brothers College	VAPES - QUANTIFYING DAMAGE ON DEVELOPING SYSTEMS (EXPERIMENTAL APPROACH)	Biological & Ecological	Individual
Cork	St Mary's High School	Does the type of media you watch before bed affect your quality of sleep?	Social & Behavioural Sciences	Group (2)
Cork	Coláiste Choilm	Investigating If Mindset Manipulation Can Counteract Physical Limits Imposed on Vision	Social & Behavioural Sciences	Group (3)



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Cork	Mount St Michael	Ridiculing RICE - Producing a Proper Protocol for Acute Soft Tissue Injuries	Biological & Ecological	Individual
Cork	Mount St Michael	Tides of Contamination: The Effects of Tidal Estuaries on Water Quality of Local Beaches	Biological & Ecological	Group (3)
Cork	Gaelcholáiste Charraig Ui Leighin	Iníúchadh ar inmharthanacht íomhánna sinteiseacha I aimsiú poill boithre I aimsir Eireannach	Technology	Individual
Cork	Coláiste Daibhéid	An bhfuil éifeacht ag na meán sóisialta ar tuaraimí déagóirí faoi mná agus an spreagann sé fuath-ban?	Social & Behavioural Sciences	Group (3)
Cork	Colaiste Treasa	“Snus and Sports” - An Investigation Exploring the Prevalence and Impact of Nicotine Pouch Use Among Athletes	Social & Behavioural Sciences	Group (3)
Cork	Colaiste Treasa	Rush To Renewable: An investigation into the biofuel potential from invasive farmland weeds such as rush and dock leaves	Biological & Ecological	Individual
Cork	Midleton College	Microplastics in the Irish Brown Crab	Biological & Ecological	Group (2)
Cork	Glanmire Community College	Has 40 years of progressive education in society changed the gender stereotypes in the workplace?	Social & Behavioural Sciences	Individual
Cork	Mount St Michael	Silage Pit Showdown: Battle of the Biofilms vs. Plastic Covers	Biological & Ecological	Group (3)



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Cork	Coláiste Choilm	An Investigation into Fluid Mechanics of Peripheral Intravenous Catheters leading to Improved Patient Outcomes.	Chemical, Physical & Mathematical Sciences	Group (3)
Cork	Mount St Michael	Pulsed Electrical Fields Application To Cells	Biological & Ecological	Group (3)
Cork	Colaiste Treasa	Drive to survive-One unnecessary death is too many:analysing the role of driver's education in road safety	Social & Behavioural Sciences	Group (2)
Cork	Carrigtwohill Post Primary	A statistical analysis and case study on the impact of various STEM promotion events on secondary school students' interest in STEM subjects and careers	Social & Behavioural Sciences	Individual
Cork	Mount Mercy College	The role of radiomics and machine learning approaches to revolutionise modern-day Alzheimer's screening.	Biological & Ecological	Individual
Cork	Bruce College	HemaSense - Screens for anemia, blood conditions without needle sticks.	Technology	Individual
Cork	Árdscoil Uí Urmoltaigh	Is the deposit return scheme working?	Social & Behavioural Sciences	Individual
Cork	Colaiste Muire Crosshaven	The Hidden Dangers of Preservatives in Energy Drinks, An investigation into artificial food preservatives in energy drinks targeted towards young people	Health & Wellbeing	Individual
Cork	Davis College	Smart Embedded Clothing for the Visually Impaired	Technology	Group (2)



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Cork	Ursuline Secondary School	AI Art? A Statistical Investigation Examining Whether the Irish Population Prefer AI Generated Art or Human Generated Art	Social & Behavioural Sciences	Individual
Cork	Colaiste Muire Crosshaven	If you care breathe air	Chemical, Physical & Mathematical Sciences	Group (3)
Cork	St Peter's Community School	How does the density of a material affect the pathway of electrons during the formation of a Lichtenberg figure?	Chemical, Physical & Mathematical Sciences	Individual
Cork	Mount St Michael	Fingerprinting Water and determining its age to help improve the quality of our rivers	Biological & Ecological	Group (3)
Cork	Schull Community College	An exploration into the potential of alternatives to fiberglass	Chemical, Physical & Mathematical Sciences	Group (2)
Cork	Coláiste Daibhéid	'Is fearr an sláinte na an táinte' - An bhfuil ionad comhphobaill ag cabharú?	Health & Wellbeing	Group (2)
Cork	Colaiste Muire Crosshaven	THMs and Pesticides: Hidden Hazards	Chemical, Physical & Mathematical Sciences	Individual
Cork	Ursuline Secondary School	Olympic Outcomes: A Statistical Investigation on the Impact of the Olympics Games on Irish Female Adolescents Participation Rates in Olympic Sports	Social & Behavioural Sciences	Individual



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Cork	Ursuline Secondary School	Detecting Dummy Data and Finding Fake Facts: A Statistical Analysis of Graph Interpretation Ability of the Irish Population Across Various Age Ranges	Chemical, Physical & Mathematical Sciences	Group (3)
Cork	Midleton College	An Investigation into the Factors Influencing how People Learn Most Effectively	Social & Behavioural Sciences	Individual
Cork	Mount St Michael	Solar brilliance: Powering tomorrow with the sun	Technology	Group (3)
Cork	Mount St Michael	Honey Healers - Unveiling the anti-biotic powers of different honeys and incorporating them into making medical bandages	Health & Wellbeing	Group (3)
Cork	St. Brogan's College, Bandon	What shape of rotors are best for wind generation	Technology	Individual
Cork	Ursuline Secondary School	Classroom Air Makeover. An Investigation into the Effect of the Peace Lily Plant on Carbon Dioxide Concentration in Classrooms.	Biological & Ecological	Group (3)
Cork	Coláiste Choilm	Investigate the influence of social media on politics with particular reference to TikTok and the upcoming US elections	Social & Behavioural Sciences	Group (2)
Cork	St Aloysius School	Investigating the Correlation Between Posture and Speed in Women's Figure Skating	Chemical, Physical & Mathematical Sciences	Group (2)
Cork	Coláiste Choilm	An Investigation into the Discrepancies of Artificial Intelligence in Determining Car Insurance Premiums based on Postcode.	Technology	Group (3)



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Cork	Ursuline Secondary School	Bronzed Perceptions: Investigating the Perceptions of Fake Tan use Amongst Irish Female Adolescents	Social & Behavioural Sciences	Group (3)
Cork	Coachford College	"A Statistical Analysis on the Problems Associated with Domestic and Industry E-Waste and Solutions Towards a Sustainable Future	Social & Behavioural Sciences	Group (2)
Cork	De La Salle College	What makes a rocket fly straight? : An investigation into the effect of stabilization on the flight path of a model rocket.	Chemical, Physical & Mathematical Sciences	Group (2)
Cork	Mount St Michael	An Investigation into the Use of Natural Compost vs Slurry and Synthetic Fertilisers in a Community Garden	Biological & Ecological	Group (3)
Cork	Árdscoil Uí Urmoltaigh	Utilizing and repurposing household waste into mushroom based materials	Biological & Ecological	Group (3)
Cork	Presentation Secondary School Ballyphehane	AI-Don't Believe It!	Social & Behavioural Sciences	Individual
Cork	Colaiste Muire Crosshaven	LITTLE WORMS IN FISH - An investigation into fish parasites	Biological & Ecological	Individual
Cork	St Colman's Community College	HOW NATURAL, NON ANTHROPOGENIC, BIRDSONG AND NATURE SOUNDS IMPACT THE WELLBEING OF A STUDENT OVER A PERIOD OF TIME IN A SOCIAL AND EDUCATIONAL ENVIRONMENT.	Health & Wellbeing	Group (3)



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Cork	Colaiste Treasa	Mom, can you Revolut me? - An investigation into the advantages and disadvantages of increased financial independence among secondary school students.	Social & Behavioural Sciences	Individual
Cork	Regina Mundi College	Watch your head!!	Social & Behavioural Sciences	Group (2)
Cork	Colaiste Muire Crosshaven	Biodegradation: a continued investigation into how plastic-to-worm & worm-to-plastic ratios affect biodegradation rates.	Biological & Ecological	Individual
Cork	Boherbue Comprehensive School	How Healthy Bars Affect Blood Sugar Levels	Health & Wellbeing	Group (3)
Cork	Kinsale Community School	SELF-ish: A Study of the Effects of Egocentrism on the Youth	Social & Behavioural Sciences	Group (2)
Cork	Kinsale Community School	Food is Fuel: An investigation into the impact that hunger has on performance, behaviour and productivity in school.	Health & Wellbeing	Individual
Cork	Colaiste Muire Crosshaven	An investigation on the effect of physical activity and service dog interaction on nursing home patients's health.	Health & Wellbeing	Individual
Cork	Coláiste Éamann Rís	The Connection Between Humans and Nature	Social & Behavioural Sciences	Individual
Cork	Colaiste Treasa	An investigation into the effects of algorithms on culture, interactions, and social issues.	Social & Behavioural Sciences	Group (2)



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Qualified Projects 2025

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School County	School Name	Title	Category	Project Type
Cork	Kinsale Community School	SCAT Success or SCAT Scam	Health & Wellbeing	Group (3)
Cork	Árdscoil Uí Urmoltaigh	'Verdura', An AI-powered organic fertilizer recommendation scheme that supports sustainable farming	Technology	Group (2)
Cork	Árdscoil Uí Urmoltaigh	Could the lough derg disaster have been prevented	Biological & Ecological	Group (3)
Cork	Mount St Michael	Impact of the School Run on Air Quaility	Chemical, Physical & Mathematical Sciences	Group (3)
Cork	Coláiste Choilm	Childcare with Mobility Issues; redesigning and manufacturing a baby carrier for child carers with mobility issues	Health & Wellbeing	Group (2)
Derry-Londonderry	St Cecilia's College	Investigating link between problematic smartphone use and poor mental health in young people	Health & Wellbeing	Group (3)
Derry-Londonderry	St Mary's College	Investigating the movement of medicines across a semipermeable membrane	Chemical, Physical & Mathematical Sciences	Group (3)
Derry-Londonderry	St Mary's College	Wound dressing to indicate infection	Health & Wellbeing	Individual
Derry-Londonderry	St Mary's College	Investigating the reclaiming of lithium and other materials from used batteries (in vapes) part II	Chemical, Physical & Mathematical Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Derry-Londonderry	St Mary's College	Investigating the photocatalysis and antimicrobial ability of titanium dioxide using UVA , UVB and UVC	Chemical, Physical & Mathematical Sciences	Individual
Derry-Londonderry	St Mary's College	Investigating Kombucha biofilms	Chemical, Physical & Mathematical Sciences	Individual
Donegal	Loreto Secondary School	Fluoride, Friend or Foe?	Social & Behavioural Sciences	Individual
Donegal	Rosses Community School	Flow Fit	Health & Wellbeing	Group (3)
Donegal	St Columba's Comprehensive School	Harnessing Donegals coastal wealth; The sustainable & renewable harvesting of Donegal seaweed using the advanced solar drying method for biodiesel production	Biological & Ecological	Individual
Donegal	Coláiste Ailigh	Alage bloom v's cobalt plume, éifeacht tíúchan cóbalt ar ráta fáis Mighty Spirulina	Biological & Ecological	Group (3)
Donegal	Pobalscoil Ghaoth Dobhair	Tick Tok - An tionchar atá ag teicneolaíocht ar mheabharshláinte	Health & Wellbeing	Group (2)
Donegal	Coláiste Ailigh	Imscrúdú ar éifeacht bhrú atmaisféarach fola ar bhrú fola ag aoisghrúpaí éagsúla	Biological & Ecological	Group (3)
Donegal	Abbey Vocational School	Menopause? How much do you know?	Health & Wellbeing	Individual



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School County	School Name	Title	Category	Project Type
Donegal	Abbey Vocational School	An investigation into skin microbiomes of people who identify as highly-attractive and bitten by mosquitoes and poorly-attractive and not bitten by mosquitoes.	Biological & Ecological	Group (2)
Donegal	Abbey Vocational School	CAS - A wearable capsized alert system	Technology	Individual
Donegal	Pobalscoil Ghaoth Dobhair	Cén tionchar a bhíonn ag timpeallacht snámha ar éifeachtacht na snámhóirí ?	Chemical, Physical & Mathematical Sciences	Group (3)
Donegal	Coláiste Ailigh	Na hÉifeachtaí minicíochta fuaime ar fhás plandaí	Biological & Ecological	Group (3)
Donegal	Pobalscoil Ghaoth Dobhair	An oibríonn dlí Benford le tacar Sonraí in Éirinn?	Chemical, Physical & Mathematical Sciences	Individual
Donegal	Abbey Vocational School	An investigation into The initial Success of the new Deposit-Return Scheme. Why are 25% of people still not using it?	Social & Behavioural Sciences	Group (3)
Donegal	Loreto Community School	A comparative study of swimsuit colour and water type on the visibility of children's swimwear	Health & Wellbeing	Group (3)
Donegal	Loreto Community School	Microbial Comparison of baby bottle milk: Perfect prep machine VS HSE recommended method	Health & Wellbeing	Group (2)
Donegal	St Columbas College	An analysis of makeup/skincare products that claim to contain SPF/UV protection	Health & Wellbeing	Group (3)



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School County	School Name	Title	Category	Project Type
Donegal	Pobalscoil Ghaoth Dobhair	Athghabháil ar ais go spóirt do mhná óga. Cad é a thig linn a dhéanamh?	Social & Behavioural Sciences	Group (3)
Donegal	Loreto Community School	A continued ecological study of the effects of a sewage treatment plant on the biodiversity of Mulroy Bay	Biological & Ecological	Group (3)
Donegal	Loreto Community School	Scroll, Like, Think: How Social Media Shapes Students' Media Literacy	Social & Behavioural Sciences	Group (2)
Donegal	Loreto Community School	An analysis of the effect of equine therapy on the performance levels of horses	Biological & Ecological	Individual
Down	St Colman's College	A	Chemical, Physical & Mathematical Sciences	Group (2)
Dublin	Christian Brothers, Synge St.	Geometrical Applications of Generalised Complex Numbers	Chemical, Physical & Mathematical Sciences	Group (3)
Dublin	Kishoge Community College	Sol-Mate _	Health & Wellbeing	Group (3)
Dublin	Blackrock College	An Artist's Invaluable Tool : Coding a Tool to Generate Mutualistic Colours.	Technology	Group (2)
Dublin	Stratford College	KEVIN - An AI model for diagnosing Keratoconus	Biological & Ecological	Group (3)
Dublin	Gonzaga College	How Certain Foods Inhibit the Breakdown of Sucrose to Help Long Distance Runners	Biological & Ecological	Individual
Dublin	Coláiste Phádraig CBS	Developing a Machine Learning Model For The Diagnosis of Knee Osteoarthritis	Technology	Individual



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Dublin	De La Salle College	DLAI Dyslexia learning (AI)	Social & Behavioural Sciences	Individual
Dublin	Dominican College Drumcondra	A Focus on the Moving Sofa Problem	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Coláiste Phádraig CBS	Languages Easier!	Technology	Group (2)
Dublin	Coláiste Phádraig CBS	Chemical Depolymerization of Plastics: Turning Waste Back into Raw Materials	Chemical, Physical & Mathematical Sciences	Group (3)
Dublin	Coláiste Phádraig CBS	Applying Markov Chains to Model Stochastic Processes in Queueing Theory	Chemical, Physical & Mathematical Sciences	Group (3)
Dublin	The Institute of Education	Hydro-Cyclone Impact Index: An improved framework to measure hurricane intensity using storm surge and rainfall as additional factors for evaluation.	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Adamstown Community College	Sealing The Future, Polymer based adhesives for safer internal wound healing	Biological & Ecological	Individual
Dublin	Loreto College The Green	“Flow and glow” utilising flow cavitation and plasma to eliminate forever chemicals from water.	Chemical, Physical & Mathematical Sciences	Group (2)
Dublin	Our Ladys School	Uncanny Valley	Social & Behavioural Sciences	Group (2)
Dublin	Our Ladys School	Bridging the Colour Gap	Technology	Group (2)



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School County	School Name	Title	Category	Project Type
Dublin	Mount Sackville Secondary School	An investigation into feminine hygiene products – are they hygienic, or even safe?	Health & Wellbeing	Individual
Dublin	St Joseph's Secondary School Rush	A Novel Approach to Designing a Cost-Effective and Low-Power Intraoral Scanner for Modern-Day Dentistry	Technology	Individual
Dublin	Tallaght Community School	MIND THE GAP: MODERNISING STUDY HABITS	Social & Behavioural Sciences	Group (2)
Dublin	Stratford College	Buzz – Your Enterprise Trigger Word Deterrent	Technology	Group (2)
Dublin	Marian College	Neuro-cognitive effects of Generative AI-created vs. Human-created content on teens, comparative study on Neuroplasticity and Cognitive Load.	Social & Behavioural Sciences	Individual
Dublin	St Kilian's Deutsche Schule	Triangulation: Using Mathematical Formulae & Trigonometry to derive the third point in a triangle	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Loreto College Swords	Echolocation	Chemical, Physical & Mathematical Sciences	Group (3)
Dublin	Gonzaga College	Real-Time Intrusion Detection and Firewall Control System Using Python for Automated Network Security	Technology	Individual
Dublin	Blackrock College	A Mathematical Investigation into how the Loft of A Golf Club Affects the Golf Ball and its Flight Path	Chemical, Physical & Mathematical Sciences	Individual



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School County	School Name	Title	Category	Project Type
Dublin	Sutton Park School	A NEW ERA OF POLITICS; THE INFLUENCE OF SOCIAL MEDIA ON POLITICAL ENGAGEMENT AMONG IRISH YOUTH	Social & Behavioural Sciences	Individual
Dublin	Castleknock College	The Smart Sole: Using hybrid AI analysis to inform patients on foot pressure anomalies for peripheral neuropathy	Technology	Individual
Dublin	Malahide Community School	The Best Treatment for Pectus Excavatum Sucks, but that's a Good Thing	Health & Wellbeing	Individual
Dublin	Firhouse Educate Together Secondary School	Can electrolysis be used to create a more sustainably charged car?	Technology	Group (2)
Dublin	St Josephs College	Banning mobile phones in schools. Is it a good Idea?	Health & Wellbeing	Group (3)
Dublin	The Institute of Education	Using machine learning for Non Invasive Neural Semantic Decoding	Technology	Individual
Dublin	Loreto College Foxrock	AI recognition : A Study Of How Well Humans Can Identify Artificial Intelligence Generated Images	Technology	Individual
Dublin	Loreto High School	The Time Factor: How The Speed of Thought Can Conceal Talent and Challenge Fairness in Time-Limited State Exams.	Social & Behavioural Sciences	Group (3)
Dublin	St Mary's Holy Faith Glasnevin Secondary School	How Digital Literate Are We? An Investigation Into Digital Literacy Levels In Irish Secondary Schools.	Social & Behavioural Sciences	Individual
Dublin	Sandford Park School Ltd	Analysing the suitability of various methods of soundproofing in an urban setting	Chemical, Physical & Mathematical Sciences	Group (3)



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School County	School Name	Title	Category	Project Type
Dublin	Holy Faith Secondary School	2 litres of Water Everyday - Ordinary or Unnecessary?	Health & Wellbeing	Group (3)
Dublin	Loreto College The Green	MarKEd : A way to stop AI watermark removers	Technology	Group (2)
Dublin	Loreto College Swords	Biofluorescence as Renewable Light Energy Through the Form of Cacti	Biological & Ecological	Individual
Dublin	St Andrews College	Machine Learning powered Intruder Detection System in the context of our Medical Appointment Computing System Software.	Technology	Group (2)
Dublin	St Joseph's Secondary School Rush	Leftover AI: Intelligent Recipes from your Fridge	Technology	Group (3)
Dublin	St Joseph's Secondary School Rush	Are Geiger Counters Reliable in Detecting Background Radiation Levels?	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Le Cheile Secondary School	Can Artificial Intelligence detect if a person is lying?	Technology	Group (2)
Dublin	Coláiste Phádraig CBS	Using Creative Methodologies to Explore the Impact of Self-Compassion on the Wellbeing of Teenagers	Health & Wellbeing	Group (3)
Dublin	Coláiste Íosagáin	Beatha na mbuidéal - imscrúdú ar an scéim éarlaise agus aisíoca buidéal in Éirinn.	Social & Behavioural Sciences	Group (2)
Dublin	Loreto High School	Mould Metro: Redesigning Ireland's Rail Network Using Slime Mould	Technology	Individual



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School County	School Name	Title	Category	Project Type
Dublin	Loreto College Foxrock	Safety of Tampons	Chemical, Physical & Mathematical Sciences	Individual
Dublin	St Mary's Holy Faith Glasnevin Secondary School	A Study On Mainstream School's Affect On Neurodivergent Students	Health & Wellbeing	Individual
Dublin	Gonzaga College	Investigating the merits of MagLev technology as a form of suspension in vehicles	Technology	Group (2)
Dublin	Coláiste Chilliaín	Meoin Muintir na Tíre i Leith Freastal ar Ghaeilscoileanna	Social & Behavioural Sciences	Group (2)
Dublin	St Andrews College	Identification of Potential New Treatments for Pancreatic Cancer	Biological & Ecological	Individual
Dublin	Mount Anville Secondary School	Befriending the nervous system to support students to regulate their emotions.	Health & Wellbeing	Individual
Dublin	The Institute of Education	Is manual removal effective as a method of invasive species control in amphibians	Biological & Ecological	Individual
Dublin	Ballinteer Community School	Paid to persuade: Should we trust Irish Influencers?	Social & Behavioural Sciences	Group (3)
Dublin	Coláiste Phádraig CBS	Briggs-Rauscher reaction.	Chemical, Physical & Mathematical Sciences	Group (2)
Dublin	Coláiste Phádraig CBS	From Chaos to Calm: The Role of Creative Mindfulness in Managing Teen Anxiety	Health & Wellbeing	Group (2)
Dublin	St Joseph's Secondary School Rush	Go With The Flow - Developing a reliable and robust water current monitoring system.	Chemical, Physical & Mathematical Sciences	Individual



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Dublin	St Joseph's Secondary School Rush	Marine Medicine: Evaluating Seaweed as Nature's Antibiotic	Chemical, Physical & Mathematical Sciences	Group (3)
Dublin	St Joseph's Secondary School Rush	Tidal Forces: Investigating the Performance and Efficiency of Wave Energy Systems	Chemical, Physical & Mathematical Sciences	Individual
Dublin	St Andrews College	Sipping Sustainably: Evaluating Edible Water Bottles	Chemical, Physical & Mathematical Sciences	Group (2)
Dublin	The Institute of Education	Enhancing Adaptive Learning in AI through Tactile Feedback in Dynamic Environments	Technology	Group (2)
Dublin	Santa Sabina Dominican College	Vitamin C retention in vegetables using different cooking methods	Health & Wellbeing	Group (3)
Dublin	St Joseph's Secondary School Rush	Project Triangulatus: The Role of Native Predators in Managing Flatworm Invasions	Biological & Ecological	Individual
Dublin	Castleknock College	How Efficient Is Electricity Generation from Vegetation?	Biological & Ecological	Individual
Dublin	St Kilian's Deutsche Schule	An Investigation into The Barriers Faced by Individuals with Learning Difficulties in finding Employment	Social & Behavioural Sciences	Individual
Dublin	Sutton Park School	The antibacterial properties of algae	Biological & Ecological	Group (2)
Dublin	Santa Sabina Dominican College	Inclusivity in a modern, diverse Irish Classroom. An investigation into how music can help a broader range of students.	Social & Behavioural Sciences	Group (2)



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Dublin	St Joseph's Secondary School Rush	Vertical axis wind turbines, the new way to save energy.	Chemical, Physical & Mathematical Sciences	Group (2)
Dublin	St Joseph's Secondary School Rush	Mastering Movement: A Study of FMS in First Year Students	Health & Wellbeing	Individual
Dublin	Loreto College The Green	Solvisor Ambulando: Investigating the correlation between pre-class walking activities and performance in a problem-solving test	Social & Behavioural Sciences	Group (3)
Dublin	St Joseph's Secondary School Rush	Enhancing the reliability and accuracy of the UV index formula through machine learning and classification algorithms	Technology	Individual
Dublin	St Marys College	SYNAPSE: A model for reading the human mind through electroencephalogram scans	Technology	Individual
Dublin	St Andrews College	Can solar-powered vehicles power the way to a greener future?	Technology	Individual
Dublin	St Joseph's Secondary School Rush	Brain Exchange: An App for Peer-to-Peer Tutoring Through Credit-Based Learning	Social & Behavioural Sciences	Individual
Dublin	St Andrews College	How can Complex Functions be used to model Real-World Magnetic Fields and Fluid Flow?	Chemical, Physical & Mathematical Sciences	Individual
Dublin	Coláiste Phádraig CBS	AI journey through Catan	Technology	Individual
Dublin	St Joseph's Secondary School Rush	Investigating Sensory Processing Patterns in Adolescents Aged 12-18	Social & Behavioural Sciences	Individual



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School County	School Name	Title	Category	Project Type
Dublin	St Conleths College	Seas the Day	Health & Wellbeing	Group (2)
Dublin	St Joseph's Secondary School Rush	Melody In Motion: An Interactive Learning Experience	Social & Behavioural Sciences	Individual
Dublin	Loreto Secondary School Balbriggan	Do we experience magic the same way? How gender, age and state of mindfulness can affect our susceptibility to magic tricks and how well people pay attention"	Social & Behavioural Sciences	Individual
Dublin	Loreto Secondary School Balbriggan	Root Rivalry: Do heritage seeds outgrow their modern competition?	Biological & Ecological	Individual
Dublin	St Joseph's Secondary School Rush	AI Art Vs. "Real Art" – a study on the public's perceptions of the arts and awareness of dangers associated with AI.	Social & Behavioural Sciences	Group (2)
Galway	Presentation College Headford	Using modern AI models to analyze legacy data from Imaging Atmospheric Cherenkov Telescopes	Chemical, Physical & Mathematical Sciences	Individual
Galway	Glenamaddy Community School	Own your cycle, own your game	Health & Wellbeing	Individual
Galway	Presentation College Headford	Sustainable and efficient artificial photosynthesis system	Chemical, Physical & Mathematical Sciences	Individual
Galway	Presentation College Headford	Sticky Stethoscope	Health & Wellbeing	Group (2)



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School County	School Name	Title	Category	Project Type
Galway	Seamount College	Analysing the environmental effect of war using C.A.W.E.C.O - Calculator Assessing War's Environmental Cost and Outcome	Biological & Ecological	Group (2)
Galway	Presentation College Headford	Into the Great Unknown- students perspective on their transition to secondary school.	Social & Behavioural Sciences	Individual
Galway	Coláiste Muire Máthair	Have Science books evolved enough to include sufficient female Scientists references?	Social & Behavioural Sciences	Group (2)
Galway	Coláiste Mhuire	Are we better off without phones in school ?	Social & Behavioural Sciences	Group (2)
Galway	Coláiste Mhuire	CarbonCut- An intelligent way to reduce your carbon footprint	Social & Behavioural Sciences	Group (2)
Galway	Coláiste Muire Máthair	Digital Natives, a Yondr Pouch Proposal	Health & Wellbeing	Group (3)
Galway	Coláiste Mhuire	Animals and Autism	Health & Wellbeing	Group (3)
Galway	Coláiste Muire Máthair	A Ukrainian Perspective. Using a modified PERMA Profile test to gauge how content Ukrainian students are in Schools in Ireland	Health & Wellbeing	Individual
Galway	Colaiste Sheosaimh	solar powered gutter cleaner	Technology	Group (2)
Galway	Presentation College Headford	Development of a suitable method for extracting cellulose from Irish potato varieties and its conversion into cellulose nanocrystals.	Chemical, Physical & Mathematical Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Galway	Dunmore Community School	BRAIN IN MOTION ,EFFECTS OF MOVEMENT BRAKES ON ACADEMIC LEARNING	Health & Wellbeing	Group (2)
Galway	Coláiste Ghobnait	Feamainn - an leasachán foirfe é	Biological & Ecological	Individual
Galway	Coláiste Naomh Eoin	Truailliú Farrage: An bhfuil sé ag ionsaí an cósta?	Chemical, Physical & Mathematical Sciences	Group (3)
Galway	Coláiste Iognáid S.J.	AI and I, will artificial intelligence make humans redundant in the tech industry?	Social & Behavioural Sciences	Individual
Galway	Presentation College Headford	Anglicisation or Natural Sound Shift? - Investigating the Phonological Shift in Rhotic Consonants (r) in Modern Irish	Social & Behavioural Sciences	Individual
Galway	Presentation College Headford	Multimedia Content Analysis Using Python: Brightness, Sound, and Color Extraction	Technology	Group (2)
Galway	Coláiste Muire Máthair	How our poor voice perception makes us an unreliable ear witness.	Social & Behavioural Sciences	Group (2)
Galway	Coláiste Iognáid S.J.	The Development of a Nasogastric Tube to Determine Correct Positioning by Way of a Colour Change	Technology	Individual
Kerry	Mercy Secondary School Mounthawk	The Protective Effect of Lycopene on Dermal Fibroblasts under UV Induced Oxidative Stress	Biological & Ecological	Individual
Kerry	Pobalscoil Inbhear Scéine	THOR: Lightning Detection & Alert System	Technology	Individual



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Kerry	Presentation Secondary School Listowel	Using Spectrometry to Detect, Identify and Reduce Pollution in Rural and Urban Areas	Chemical, Physical & Mathematical Sciences	Group (2)
Kerry	Pobalscoil Inbhear Scéine	A Good Criteria to Healthy Gut Bacteria	Health & Wellbeing	Group (3)
Kerry	CBS The Green	Ellie The Mobility and Care Assister	Technology	Group (3)
Kerry	Pobalscoil Inbhear Scéine	How does the Geological Makeup of a Region Impact Land Use? An Analysis of Agricultural practices in the Kenmare Hinterland	Chemical, Physical & Mathematical Sciences	Group (2)
Kerry	Mercy Secondary School Mounthawk	Coping through Chaos: A longitudinal study of the stress and anxiety levels of teenagers and the effectiveness of stress and anxiety coping strategies	Health & Wellbeing	Group (2)
Kerry	Mercy Secondary School Mounthawk	NeuroVision: An AI-based Tool for Glioblastoma Genetic Analysis and Personalised Treatment	Health & Wellbeing	Individual
Kerry	Mercy Secondary School Mounthawk	CAO Or (C)AI?	Social & Behavioural Sciences	Individual
Kerry	Mercy Secondary School Mounthawk	Pineapple Power: Bromelain Balm for Accelerated Burn Recovery	Health & Wellbeing	Group (2)
Kerry	Mercy Secondary School Mounthawk	The Role of Self-Determination Theory in Enhancing Intrinsic Motivation Among Transition Year Students	Social & Behavioural Sciences	Individual



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Kerry	Mercy Secondary School Mounthawk	Fractal Footprints: Mapping the Mathematical Patterns of Cities	Chemical, Physical & Mathematical Sciences	Group (2)
Kerry	Mercy Secondary School Mounthawk	Peeling Back The Science: Purifying fast fashion run-off with orange peels.	Chemical, Physical & Mathematical Sciences	Group (3)
Kerry	Mercy Secondary School Mounthawk	Health Benefits of Fucoxanthin: An Investigation	Chemical, Physical & Mathematical Sciences	Individual
Kerry	Gaelcholáiste Chiarraí	Nature takes on nature to eradicate invasive species.	Biological & Ecological	Individual
Kerry	Mercy Secondary School Mounthawk	Optimising The Efficiency of Origami in Packaging	Chemical, Physical & Mathematical Sciences	Group (3)
Kerry	Mercy Secondary School Mounthawk	Memory Magic: Do Mnemonics Help Improve Memory Retention	Social & Behavioural Sciences	Individual
Kerry	Presentation Secondary School Listowel	Yummy, yummy! Uh Oh! Microplastics in My Tummy...	Biological & Ecological	Individual
Kerry	Pobalscoil Inbhear Scéine	Hands on or hands off? The trade puzzle	Social & Behavioural Sciences	Group (3)
Kerry	Presentation Secondary School Milltown	To ask or not to ask - that is the question!	Social & Behavioural Sciences	Group (2)
Kerry	Presentation Secondary School Tralee	Can reaction times among vulnerable drivers be improved through a specific tailored program?	Social & Behavioural Sciences	Individual



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Kerry	Presentation Secondary School Tralee	ACT {Aid Care Treat}: App-timising emergency response. A technological aid, featuring a comprehensive repository of medical information - iterative development.	Health & Wellbeing	Group (3)
Kerry	CBS The Green	The Benefits of Sport on Neurodivergent People	Health & Wellbeing	Group (2)
Kildare	Colaiste Lorcaín	Educate to Decelerate	Social & Behavioural Sciences	Group (3)
Kildare	Gaelcholáiste Mhaigh Nuad	Na Trialacha Cailleach Salem: Ainlís ar shaintréithe teanga de phóstáil meán shóisialta AI-ghiniúnaithe le mífhaisnéis spreagtha den stair.	Technology	Individual
Kildare	Gaelcholáiste Mhaigh Nuad	Iniúchadh ar na hÉagsúlachtaí a Fhaightear idir Samhlacha Dífriúla Dinimice Néarónaigh	Chemical, Physical & Mathematical Sciences	Individual
Kildare	Celbridge Community School	Enhancing Data Security in AI Training using Zero-Knowledge Proofs for Secure Methodology Development.	Technology	Individual
Kildare	Gaelcholáiste Mhaigh Nuad	Comparáid idir Cineálacha Inslíú Tí agus Anailís ar Thionchar na Tiús ar Éifeachtúlacht Fuinnimh	Chemical, Physical & Mathematical Sciences	Group (2)
Kildare	Newbridge College	A Study of How Social Media Affects the Daily Lives of Teenagers and Young Adults in our Society Today.	Health & Wellbeing	Group (3)
Kildare	Gaelcholáiste Mhaigh Nuad	An Domhan Glas - aip ag cabhrú le daoine a hastaíochtaí charbóin a laghdú	Technology	Group (2)



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School County	School Name	Title	Category	Project Type
Kildare	Newbridge College	“The Grade Inflation Bubble: Is the Leaving Certificate Creating a Generation of Inequality and False Success?”	Social & Behavioural Sciences	Group (2)
Kildare	Clongowes Wood College	Bowled Over: A statistical analysis of bowling in cricket analysing both the male and female aspects of the game using live data.	Chemical, Physical & Mathematical Sciences	Individual
Kildare	St Pauls Secondary School	Air Purifier	Health & Wellbeing	Group (3)
Kildare	Coláiste Naomh Mhuire	Spot-ting Solutions: An investigation into the performance of benzoyl peroxide in killing cutibacterium acnes.	Health & Wellbeing	Group (3)
Kilkenny	Meánscoil na mBráithre Criostaí	Hidden in Plain Sight: Exploring the Blind Spots of Attention in Young Adolescents	Social & Behavioural Sciences	Group (2)
Kilkenny	Loreto Secondary School	Are we losing the ability to differentiate between AI and reality?	Social & Behavioural Sciences	Group (2)
Kilkenny	Meánscoil na mBráithre Criostaí	herd mentality and how peer pressure affects secondary school students	Social & Behavioural Sciences	Group (3)
Kilkenny	Meánscoil na mBráithre Criostaí	To investigate the factors that influence parental and student perception of apprenticeships and promote it as a career choice using a digital platform.	Social & Behavioural Sciences	Group (3)
Kilkenny	Castlecomer Community School	Menstrual vs Mental Health	Health & Wellbeing	Group (2)



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School County	School Name	Title	Category	Project Type
Kilkenny	Castlecomer Community School	How do different fertilisers affect microorganisms	Biological & Ecological	Group (3)
Kilkenny	City Vocational School	Investigating how vaping affects the teenage body	Health & Wellbeing	Group (3)
Kilkenny	City Vocational School	The future of AI	Social & Behavioural Sciences	Group (2)
Kilkenny	City Vocational School	Effects of the energy drinks	Chemical, Physical & Mathematical Sciences	Group (2)
Kilkenny	Meánscoil na mBráithre Criostaí	A Scientific Inquiry of Adolescence Awareness and Perceptions of Creatine Supplementation	Social & Behavioural Sciences	Group (2)
Kilkenny	St Kieran's College	Are we actually eating healthy while eating "healthy school lunches"	Health & Wellbeing	Group (2)
Kilkenny	St Kieran's College	The Effects on Energy Drinks with Sleep Patterns	Health & Wellbeing	Group (2)
Kilkenny	Meánscoil na mBráithre Criostaí	Perception of Recovery from concussions in adolescents GAA players: a study on cognitive, physical and emotional factors	Social & Behavioural Sciences	Group (3)
Kilkenny	Kilkenny College	Affordable Prosthetic Arm	Technology	Group (2)
Kilkenny	Loreto Secondary School	Is Your Fire Killing You?	Biological & Ecological	Group (3)
Laois	St. Mary's C.B.S.	Development of a novel nano-QSAR model to predict drug delivery of nanoparticles to the brain.	Technology	Individual



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School County	School Name	Title	Category	Project Type
Laois	Portlaoise College	A study of the post Covid work environment	Social & Behavioural Sciences	Individual
Laois	Heywood Community School	How does the amount of sleep you get affect your appetite/mood/focus?	Social & Behavioural Sciences	Individual
Leitrim	Ballinamore Community School	Sliabh an Iarainn: an active bog?	Biological & Ecological	Group (3)
Leitrim	Ballinamore Community School	Athrú	Social & Behavioural Sciences	Individual
Limerick	Desmond College	"Facial Rehabilitation: A Technological Approach for Bell's Palsy Patients"	Health & Wellbeing	Individual
Limerick	Desmond College	Chill "N" Heal Bandage	Health & Wellbeing	Group (2)
Limerick	Desmond College	Using Benford's Law To Detect Electoral Fraud	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Desmond College	OtoInSight	Health & Wellbeing	Group (2)
Limerick	Coláiste Nano Nagle	SettleEase: Empowering Immigrants to Thrive	Technology	Group (2)
Limerick	Coláiste Iósaeaf	Connected By Blood a Continued Study	Health & Wellbeing	Individual
Limerick	Colaiste Chiarain	"Quantum Insights: Particle Profiling via Cloud Chamber & AI Analysis"	Chemical, Physical & Mathematical Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Limerick	Colaiste Chiarain	Discovering Habitable Exoplanets with the help of AI.	Chemical, Physical & Mathematical Sciences	Group (2)
Limerick	Castletroy College	An investigation into the relationship between catch areas to the quantity of microplastics found in fish's gastrointestinal system.	Chemical, Physical & Mathematical Sciences	Group (2)
Limerick	Colaiste Chiarain	An investigation to understand the reasons behind the falling trends of EV sales in Ireland	Social & Behavioural Sciences	Individual
Limerick	Salesian Secondary College	The Detection and Dangers of Microplastics	Health & Wellbeing	Individual
Limerick	Colaiste Chiarain	Which Plant is the Best Defence Against Ocean Acidification?	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Ardscoil Ris	Failed stars or hidden opportunities? An investigation into the likelihood of brown dwarfs supporting life within their orbits.	Chemical, Physical & Mathematical Sciences	Group (3)
Limerick	Ardscoil Ris	"Inner Strength": An investigation of crystal structures and how they scale.	Chemical, Physical & Mathematical Sciences	Group (3)
Limerick	Colaiste Chiarain	The Big Irish Head On You!	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Colaiste Chiarain	Bó-Watch: An AI powered monitoring system for cows	Technology	Individual



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School County	School Name	Title	Category	Project Type
Limerick	Scoil Pól	City Greens: Growing Food with Hydroponics and Aquaponics for Sustainable Urban Farming	Biological & Ecological	Group (3)
Limerick	Scoil Pól	Visualise It! An interactive teaching tool	Technology	Group (3)
Limerick	Colaiste Chiarain	Identifying AI Speech: the Future Of Cybersecurity with ZypAI	Technology	Individual
Limerick	Mungret Community College	To investigate the Influence of LED Light Spectral Variations on Basil (<i>Ocimum basilicum</i> L.) Vitamin C Composition.	Biological & Ecological	Individual
Limerick	Mungret Community College	IndependentMe: An at home healthcare device to support independent living for people suffering from memory impairment.	Technology	Group (3)
Limerick	Colaiste Chiarain	SmartSpecs	Technology	Group (3)
Limerick	Glenstal Abbey School	A Study of the Formation of Hydraulic Jumps ("Holes") in a River as Used by Freestyle Kayakers	Chemical, Physical & Mathematical Sciences	Individual
Limerick	Coláiste Nano Nagle	ImiCircle	Technology	Individual
Longford	Lanesboro Community College	CAPILL: Compliance Aid Promoting Independent Living Long-term	Technology	Individual
Louth	St Mary's Diocesan School	What sugar and tea does kombucha tea prefer?	Biological & Ecological	Group (3)
Louth	Bush Post Primary School	The changes in vocal ability during a menstrual cycle	Biological & Ecological	Individual



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Louth	De La Salle College	The prevalence of the use of different types of mouth guards among Dundalk athletes	Social & Behavioural Sciences	Group (3)
Louth	Dundalk Grammar School	Air Vortex cannons, a sustainable solution to fire extinguishment	Chemical, Physical & Mathematical Sciences	Individual
Louth	St Mary's Diocesan School	Compost Immersion	Chemical, Physical & Mathematical Sciences	Group (2)
Louth	Dundalk Grammar School	Green Means Go! - A front-of-package labelling system encouraging consumers to make sustainable choices	Social & Behavioural Sciences	Group (2)
Mayo	Mount St Michael	Diawise: Empowering Educators, An Technological Solution for Teacher Training in the Management of Student Diabetes	Health & Wellbeing	Individual
Mayo	St. Patrick's College	A Novel Approach to Empowering Communication With F.A.Y: A Unified System for Individuals with Speech Disabilities.	Technology	Individual
Mayo	Mount St Michael	Waste Not, Want Not: A Comprehensive Investigation into the Usability of Sterile Medical Supplies Post-Expiry and Potential to Reduce Waste in Healthcare.	Health & Wellbeing	Individual
Mayo	Mount St Michael	Evolve Era: An interactive AI-Powered Symptom Tracking and Diagnostic Support: A Technological Solution to Modern Healthcare Challenges	Health & Wellbeing	Group (3)



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School County	School Name	Title	Category	Project Type
Mayo	Mount St Michael	EyeFocus: An Evidence-Based Study on the Development and Effectiveness of a Mobile App for Myopia Prevention and Eye Health Enhancement.	Health & Wellbeing	Individual
Mayo	Mount St Michael	Investigating The Antimicrobial Properties Of The Willow Tree: Examining the Plants Potential Uses in the Pending Global Antimicrobial Resistance Crisis.	Biological & Ecological	Individual
Mayo	Mount St Michael	Secure Hands: Enhancing Efficiency in Emergency Communication through Irish Sign Language in Ireland through the integration of Machine Learning in a Mobile App	Health & Wellbeing	Individual
Mayo	Mount St Michael	Castaway	Health & Wellbeing	Individual
Mayo	Mount St Michael	Sign Tales - Evaluating Current Practices in Sign Language Instruction and Developing Innovative Support Tools for Families.	Health & Wellbeing	Group (3)
Mayo	Ballinrobe Community School	The observation of the feeding habits of Fledgling Common Swifts (Apus Apus) correlating to weather conditions	Biological & Ecological	Group (3)
Meath	Boyne Community School	How do the people around us affect our productivity?	Social & Behavioural Sciences	Group (2)
Meath	St. Joseph's Secondary School, Navan,	Is Your Head In The Game?	Biological & Ecological	Group (2)



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School County	School Name	Title	Category	Project Type
Meath	Boyne Community School	The Trial Of Dave	Social & Behavioural Sciences	Individual
Meath	Ashbourne Community School	Dickens vs. Skynet: How Large is an LLM?	Technology	Group (2)
Meath	St. Joseph's Secondary School, Navan,	Chess your IQ	Social & Behavioural Sciences	Group (2)
Meath	St. Joseph's Secondary School, Navan,	Mouth vs Nose: The breath battle	Biological & Ecological	Group (2)
Meath	Loreto Secondary School	Gamifying a fun approach to recycling and litter collection	Technology	Individual
Meath	Eureka Secondary School	Neuro-Logic: How accommodating are accommodations?	Social & Behavioural Sciences	Group (3)
Meath	Eureka Secondary School	Neuro Cognitive olfactory programming.	Health & Wellbeing	Group (3)
Meath	St. Joseph's Secondary School, Navan,	Feel the Way	Technology	Group (2)
Meath	Eureka Secondary School	shining a light on stargardts disease	Health & Wellbeing	Group (2)
Meath	St Patrick's Classical School	The high lift	Technology	Individual
Meath	St Patrick's Classical School	FutureDev	Technology	Individual
Meath	Coláiste na Mí	Chemical compounds and their balance with nature with mushrooms	Chemical, Physical & Mathematical Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Meath	Coláiste na Mí	“Speechumpy” Speech Development App	Social & Behavioural Sciences	Group (2)
Monaghan	Castleblayney College	Bird Flu - Should we be worried or wing it?	Biological & Ecological	Group (3)
Monaghan	Our Lady’s Secondary School	DEFIB LOCATORS	Social & Behavioural Sciences	Individual
Monaghan	Castleblayney College	Shading The Future: Analysing the Cellular and Genetic responses of Cellulose and DNA to Ultraviolet light.	Biological & Ecological	Group (2)
Monaghan	Ballybay Community College	Sleepless Nights and Joyful Days: The New Parent Experience – An investigation into the experience of parenthood for new parents	Social & Behavioural Sciences	Individual
Monaghan	Inver College	Chess for beginners	Technology	Group (3)
Monaghan	Inver College	Understanding Alzheimer’s and Dementia	Health & Wellbeing	Individual
Monaghan	Inver College	Does social media affect morality?	Social & Behavioural Sciences	Group (3)
Monaghan	Patrician High School	The NRG-Guard: The modified mouthguard that releases sport solutions using a slow release mechanism.	Technology	Individual
Offaly	Tullamore College	Liver Lifeline	Biological & Ecological	Group (3)
Offaly	Tullamore College	LittleSteps: Understanding Height and Growth differences	Social & Behavioural Sciences	Individual



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School County	School Name	Title	Category	Project Type
Offaly	Tullamore College	An Investigation into the effectiveness of zeolite as a soil amendment to reduce nitrate runoff. from fertilisers.	Biological & Ecological	Individual
Offaly	St.Brendan's Community School	Chicken Talk	Biological & Ecological	Group (3)
Offaly	Gallen Community School	Subcutaneous Semaglutide- The new fashion trend	Health & Wellbeing	Group (2)
Offaly	Tullamore College	Green Sheets: Sustainable Paper from Grass	Biological & Ecological	Group (2)
Offaly	Tullamore College	"Perimenopause Uncovered: Empowering Women Through Knowledge"	Health & Wellbeing	Individual
Roscommon	Coláiste Chiaráin	Grip Strength: a good biomarker	Health & Wellbeing	Individual
Roscommon	Roscommon Community College	How does being a "teen carer", while attending a DEIS school affect academics, social life and wellbeing.	Social & Behavioural Sciences	Group (2)
Roscommon	Coláiste Chiaráin	Gumshields: Fit or miss ?	Health & Wellbeing	Group (2)
Roscommon	Scoil Mhuire	Analysing the relationship between first-year students perceived stress and social connectedness: a mixed method approach	Health & Wellbeing	Individual
Roscommon	Roscommon Community College	An investigation into contemporary propaganda and a retrospective on widespread misinformation campaigns	Social & Behavioural Sciences	Group (3)



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School County	School Name	Title	Category	Project Type
Roscommon	Roscommon Community College	Effect of music on adolescent behaviour	Social & Behavioural Sciences	Group (3)
Roscommon	Roscommon Community College	Horsemanship and the effects on your mental health	Health & Wellbeing	Individual
Roscommon	Roscommon Community College	Words Without Walls: Exploring The Emotional Impact Of Language Barriers On Students	Social & Behavioural Sciences	Group (2)
Roscommon	Scoil Mhuire	'Apollo' - A novel network anomaly detection system using AI	Technology	Individual
Roscommon	Scoil Muire gan Smal	Digital Dialect: A Dive Into The Effects Of Technology On Speech Development And Sociolinguistics	Social & Behavioural Sciences	Group (2)
Roscommon	Scoil Mhuire	A mixed method observational study of our local bird population and their feeding behaviour	Biological & Ecological	Group (2)
Roscommon	Scoil Mhuire	Let's Talk Trash!	Social & Behavioural Sciences	Group (3)
Roscommon	Elphin Community College	The Study of Air Quality Using Leaf Yeast in Roscommon	Biological & Ecological	Group (3)
Sligo	Ursuline College	'Sheep Strength': Using wool to reinforce concrete	Technology	Group (2)
Sligo	Ursuline College	Toxic fashion	Chemical, Physical & Mathematical Sciences	Group (2)



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Sligo	Ursuline College	Play The Game - An application of the Nash Equilibrium strategy to model human competitiveness, filtered by age and gender	Chemical, Physical & Mathematical Sciences	Individual
Sligo	Sligo Grammar School	Art, Is it worth it?	Social & Behavioural Sciences	Individual
Sligo	Ursuline College	“Energy Crisis? - Let me Kelp you - A Novel solar desalination method to extract clean water, fertilizer and biochar from our coastal resources”	Technology	Individual
Tipperary	Newport College	Palestine; the contrast of reporting on social media versus traditional sources.	Social & Behavioural Sciences	Group (2)
Tipperary	Borrisokane Community College	P.A.T: A Prescription Administration Technology	Technology	Group (3)
Tipperary	Borrisokane Community College	An investigation into how young children are accessing age restricted social media platforms and the impact on their mental well-being	Social & Behavioural Sciences	Group (2)
Tipperary	Borrisokane Community College	An Investigation into farmers opinions on the importance of water quality and pollution risk management	Social & Behavioural Sciences	Group (3)
Tipperary	Borrisokane Community College	Young carers: Minding your mental health	Health & Wellbeing	Group (3)
Tipperary	Borrisokane Community College	Attitude towards refugees in Ireland ..does your socio economic background impact this.	Social & Behavioural Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Tipperary	Borrisokane Community College	Return:an investigation into Irish people's opinions and attitudes on our new recycling system	Biological & Ecological	Group (3)
Tipperary	Cistercian College Roscrea	Are Slurry Additives the future of farming?	Biological & Ecological	Group (3)
Tipperary	Cashel Community School	Can Delta Wave induction techniques improve sporting performance	Social & Behavioural Sciences	Group (2)
Tipperary	Cashel Community School	Can we use CAT4 results as a predictor of Leaving Cert performance?	Social & Behavioural Sciences	Group (3)
Tipperary	Cistercian College Roscrea	It's Spreadin Time: Are GPS fertiliser spreaders really more economical and environmentally friendly than their cheaper counterparts?	Technology	Individual
Tipperary	St Josephs College	Re-Engineering Vertical Axis Wind Turbines and testing viability in urban use.	Technology	Group (2)
Tipperary	St. Anne's Secondary School	Victorious 2048 - a recreation of the game 2048	Technology	Individual
Tipperary	St Josephs College	"Unlocking the Soil" A comprehensive study on biochar's role in soil enhancement	Biological & Ecological	Group (3)
Tipperary	St Josephs College	Investigating the effect Deer population has had on the local eco system of North Tipperary	Biological & Ecological	Group (2)
Tipperary	C.B.S. Thurles	A novel approach to regenerative agriculture through the use of Comfrey as a sustainable soil enhancer.	Biological & Ecological	Individual



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School County	School Name	Title	Category	Project Type
Tipperary	Cistercian College Roscrea	The Impact of Blue Light Exposure on mental health in Teenagers	Social & Behavioural Sciences	Group (3)
Tipperary	St Josephs College	'Bull Bound' : Bull proximity control and alert safety	Technology	Group (3)
Tipperary	St. Anne's Secondary School	THE SCIENCE BEHIND POPCORN POPPING: Determining ideal conditions of temperature, pressure, time, and moisture content.	Chemical, Physical & Mathematical Sciences	Group (3)
Tipperary	Árdscoil na mBráithre	A Study into Maximising ACRES Payments for GRASSLAND Farmers	Biological & Ecological	Individual
Tipperary	St Josephs College	Bitfit - A measure to accurately determine bit size in the equine industry.	Biological & Ecological	Group (3)
Tipperary	Ursuline Secondary School	Hot off the Press! The Facts about Women's Sports Coverage	Social & Behavioural Sciences	Individual
Tipperary	Ursuline Secondary School	Does reducing the routine use of antimicrobials on dairy farms reduce the antimicrobial resistance in bacteria isolated from cows' milk on those farms?	Biological & Ecological	Group (2)
Tipperary	Presentation Secondary School Thurles	Lonely in a Connected World: Exploring Loneliness Among Irish Teenagers	Health & Wellbeing	Group (3)
Tipperary	Ursuline Secondary School	"No Enviroment No Welbeing" : an intervention to reduce eco-anxiety and increase climate engagement in teenagers.	Health & Wellbeing	Group (2)



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School County	School Name	Title	Category	Project Type
Tipperary	St. Anne's Secondary School	Are students struggling to come back to school? A study to see if post covid apathy or a rise in illness affects students' attendance.	Social & Behavioural Sciences	Individual
Tipperary	Coláiste Mhuire Co-Ed	Behind The Smiles: The Silent Struggle of Teenage Burnout	Health & Wellbeing	Group (2)
Tyrone	St Ciaran's College	Mental Health in Agriculture	Social & Behavioural Sciences	Group (3)
Tyrone	St Patrick's College	Canines or Lego: Which relaxes teenagers more?	Health & Wellbeing	Group (3)
Tyrone	St Patrick's College	Venturi Shield	Health & Wellbeing	Group (3)
Waterford	Scoil na mBraithre	Spoiler Alert: pH Responsive Packaging for Food Preservation.	Chemical, Physical & Mathematical Sciences	Individual
Waterford	Blackwater Community School	Where is the Truth: The Effects of Media Propaganda on Young People	Social & Behavioural Sciences	Individual
Westmeath	Our Lady's Bower	Starry Nights or Missed Delights?	Social & Behavioural Sciences	Individual
Westmeath	Wilson's Hospital School	Water purification	Biological & Ecological	Group (2)
Westmeath	Wilson's Hospital School	Hearing Test on Secondary School Students	Chemical, Physical & Mathematical Sciences	Group (2)
Westmeath	Colaiste Mhuire,	GAA Grind: Stress Under The Surface	Health & Wellbeing	Group (3)



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Westmeath	Colaiste Mhuire,	A Statistical Analysis of the Perpetuation of Educational Disadvantage in Early School Leavers and Implicit Bias Among Irish Employers	Social & Behavioural Sciences	Individual
Westmeath	Colaiste Mhuire,	Skip the Wait, Don't Be Late	Social & Behavioural Sciences	Group (3)
Westmeath	Athlone Community College	Using Hydrophobic Magnetic Nanoparticles for an Eco-friendly Oil Spill Cleanup Solution	Chemical, Physical & Mathematical Sciences	Group (3)
Westmeath	Our Lady's Bower	Maths 4 All	Social & Behavioural Sciences	Group (2)
Westmeath	Our Lady's Bower	An investigation into the need for extra examination time for students with additional learning needs	Social & Behavioural Sciences	Group (2)
Westmeath	Athlone Community College	Breaking the Silence: Unravelling Menstrual Stigmas and Mood Mysteries	Health & Wellbeing	Group (3)
Westmeath	St Finian's College	'Plastic not so fantastic' -Sustainability in Diabetes Management	Health & Wellbeing	Group (3)
Westmeath	St Finian's College	Air-lert: How Harmful is the Air We Breathe In?	Health & Wellbeing	Group (3)
Westmeath	Our Lady's Bower	The Mould Busters	Technology	Group (3)
Westmeath	Athlone Community College	Illuminating The Future Using LIFI	Technology	Group (2)



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School County	School Name	Title	Category	Project Type
Westmeath	Moate Community School	Electrobloom: An Electroculture Growth Chamber to Increase the Germination and Yield of Protected Crops.	Biological & Ecological	Group (3)
Westmeath	Moate Community School	Generating Power by Harnessing Swells Close to the Seashore	Technology	Group (2)
Westmeath	Moate Community School	Methane Busters: Harnessing Tannins and Feed Additives to Clean Up Slurry Tank Emissions	Biological & Ecological	Individual
Westmeath	Moate Community School	Fungi Civil War: Using Birch Polypore to Develop a Treatment Spray for Bovine Ringworm	Biological & Ecological	Group (3)
Westmeath	Our Lady's Bower	Cleaning the Air	Social & Behavioural Sciences	Individual
Westmeath	Colaiste Mhuire,	Comprehensive Financial Literacy: Fraud Awareness and Investment Strategy	Social & Behavioural Sciences	Group (3)
Westmeath	Moate Community School	Nutri-Flo: A Natural Tree Nut Water Filter for Cattle	Chemical, Physical & Mathematical Sciences	Group (2)
Westmeath	Moate Community School	Crouch- Bind- Set...PROTECT!	Technology	Individual
Westmeath	Our Lady's Bower	An Investigation Into Chlorine Alternatives	Chemical, Physical & Mathematical Sciences	Group (3)
Westmeath	Moate Community School	Botanical Barriers: Harnessing Plant Compounds for UV protection during Nail Treatments	Health & Wellbeing	Group (3)



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School County	School Name	Title	Category	Project Type
Westmeath	Our Lady's Bower	The Effects of Acid Rain on Plant Growth: Implications for Bogland Sustainability	Biological & Ecological	Group (2)
Westmeath	Athlone Community College	A system to test and develop low-cost heat storage materials	Technology	Individual
Westmeath	Athlone Community College	Resonance and Response: Psychoacoustics in Behavioural conditioning.	Social & Behavioural Sciences	Individual
Westmeath	Loreto College	How to develop the most sustainable planetary rover for Mars.	Technology	Individual
Westmeath	Meán Scoil an Chlochair	Step up your day, endorphins are on the way!	Social & Behavioural Sciences	Group (3)
Westmeath	Colaiste Mhuire,	Seas Apart, Tides Alike	Social & Behavioural Sciences	Group (3)
Westmeath	Colaiste Mhuire,	DiaCare: Revolutionising Diabetes Management	Health & Wellbeing	Group (2)
Westmeath	Colaiste Mhuire,	Recycling Revolution: Is the Deposit Return Scheme Delivering?	Social & Behavioural Sciences	Group (3)
Westmeath	Colaiste Mhuire,	Radon Awareness via Smartphone App	Health & Wellbeing	Individual
Westmeath	Meán Scoil an Chlochair	Forever farming - Sustainable Pest Control	Biological & Ecological	Individual
Westmeath	Colaiste Mhuire,	Saoirse na Feirme	Health & Wellbeing	Group (2)
Westmeath	Colaiste Mhuire,	Virtual Reality Glove: A Cheap Alternative to Immersion in VR	Technology	Group (2)



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Westmeath	Athlone Community College	Lost, Found, and Optimised: A novel, revised outlook on Bellman's Lost-in-a-Forest Problem	Chemical, Physical & Mathematical Sciences	Individual
Westmeath	Our Lady's Bower	Crunch time: unveiling the perfect potato for chips	Chemical, Physical & Mathematical Sciences	Group (3)
Wexford	Ramsgrange Community School	An investigation into the potential gender bias in the diagnosis and treatment of chronic pain conditions in Ireland	Social & Behavioural Sciences	Group (3)
Wexford	Meanscoil Gharman	Níl plaisteach fungi..... Staidear isteach i brise síos plasteach oxoin-bhithmillte ag úsáid fungi áitúila	Biological & Ecological	Group (2)
Wicklow	St David's Holy Faith Secondary	Innovative Recycling: Sustainable Distillation of Ethanol from Waste Hand Sanitiser for Perfume Production.	Chemical, Physical & Mathematical Sciences	Individual
Wicklow	St David's Holy Faith Secondary	A comparative study of the diversity and frequency of fungi between native and planted forests in Wicklow	Biological & Ecological	Individual
Wicklow	Greystones Community College	An investigation into how different materials absorb impact	Chemical, Physical & Mathematical Sciences	Group (3)
Wicklow	Greystones Community College	The Impact of Nitrogen Dioxide and Common Volatile Organic Compounds on Ozone Production: A Comparative Analysis under Artificial and Natural UV Light	Chemical, Physical & Mathematical Sciences	Group (2)



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School County	School Name	Title	Category	Project Type
Wicklow	St David's Holy Faith Secondary	'Better sleep and Brighter moods in teens: Is Vitamin D the solution?'	Health & Wellbeing	Individual
Wicklow	Greystones Community College	NeuroLingo - A mobile app for self management of stuttering	Technology	Individual
Wicklow	St Marys College Arklow	Flow Foward: Your One Stop Hub To End Poverty !	Social & Behavioural Sciences	Individual
Wicklow	St Marys College Arklow	Breaking the cycle: Evaluating the investment in non-addictive alternatives to current medications.	Health & Wellbeing	Individual
Wicklow	St Marys College Arklow	One Step at a Time; Should We Invest in Kinetic Flooring in Ireland?	Social & Behavioural Sciences	Individual
Wicklow	St Marys College Arklow	Wrist Wellness: Pressure Alert System	Technology	Individual
Wicklow	St Marys College Arklow	We Mosst Remove Heavy Metals from Water. A Biological Solution to Heavy Metal Pollution.	Biological & Ecological	Individual
Wicklow	St David's Holy Faith Secondary	'I still haven't found what I'm looking for'- Evaluating the attitudes of teenagers towards Youth Mental Health Services in my local area.	Health & Wellbeing	Individual
Wicklow	St David's Holy Faith Secondary	Lactic Threshold ;What is the best source of nutrition to reduce the buildup of lactic acid in muscles.	Health & Wellbeing	Group (3)
Wicklow	Woodbrook College	Are environmentally friendly fertilisers a viable alternative: comparing the impact of different fertilisers on crop yield	Biological & Ecological	Individual



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Wicklow	Gaelcholáiste na Mara	Fás Plandaí: an é truaillú an miniú?	Biological & Ecological	Group (2)
Wicklow	Glenart College	An analysis of the abilities that different age groups have to detect artificial intelligence and how it can spread misinformation on social media.	Social & Behavioural Sciences	Group (3)
Wicklow	St David's Holy Faith Secondary	SecureX	Technology	Individual
Wicklow	St David's Holy Faith Secondary	The differential impact of climate change in regions of Ireland	Biological & Ecological	Individual
Wicklow	Greystones Community College	Deja vu: Does it happen to you?	Social & Behavioural Sciences	Group (3)