



MOATE COMMUNITY SCHOOL

Newslink

CHRISTMAS 2015

Mites, Space, Cleaning the Soil...

It's all part of the students' BT Young Scientist investigations in Moate

Once again, we are delighted that our TY students' projects have been selected for the BT Young Scientist & Technology Exhibition. Lab experiments, visits to Technology Institutions, and other expert organisations are all part of the students' project research and preparation for the Exhibition at the RDS in January.

Lorna Boland has a huge interest in doing her bit to save the bee population. Her uncle has been keeping bees for many years and his honey yield has been reduced due to infections in the hives. Her project "*What will Bee the end for the Varroa destructor mite?*" is researching the use of essential oils and other organic methods to combat the Varroa mite. This mite feeds off the blood of the bees and injects them with viruses which can lead to deforming their wings and death of the whole population of a hive. Lorna is in contact with local bee keepers and the Native Irish Bee Keeping Association to help her with her investigation.

"*Can plants lead the way to Unleaded Soil?*" is the title of Ronan Murphy and Gerard O'Reilly's project, which investigates phytoremediation of soil. Phytoremediation is the removal of contaminants such as heavy metals by plants from the soil. The students are focusing on lead which is known to be the main cause of metal poisoning in cattle and affects the nervous system. They are growing Indian Mustard, a brassica and a good accumulator of metals and examining if it can be used to clean the land for crops

or pasture.

Jenny Fox and Nicole Murray are investigating "*Growing plants for nutrition in Space*". There is an ever increasing need for future travellers in space to have a sustainable food source. The students visited Limerick Institute of Technology where Clara native Dr Michelle McKeon-Bennett leads the CELLS Research Group of projects linked with the International Space Station. They met with Dr. Peter Dempsey and PhD student Sarah McMahon at LIT and observed the Environmental Growth Chambers the PhD students use to simulate the conditions in space. Jenny and Nicole received valuable information and support from LIT for their project.

Nigerian born Jessica Okpaeye is investigating "*The use of Red Palm Oil in the prevention and treatment of head lice*". These mites are rampant in our primary schools with 30% of Irish children affected. The World Health Organisation have banned many chemicals rendering those available on the market ineffective in the treatment of head lice. She has sourced the Red Palm Oil from Nigeria where her relatives grow the fruit and make the oil which is used in foods and other health remedies. Jessica recently visited The Hair Experts in Dublin where they specialise in the treatment of head lice using a vacuum comb system.

We wish the students well with their investigations and preparation of their presentations for the exhibition which takes place 11th – 14th January.



Jessica, Lorna, Nicole, Jenny, Gerard and Ronan in the Lab.

From the Principal...

On behalf of the staff and myself I wish you all a Very Happy Christmas and a wonderful New Year. It has been a very busy term in Moate Community School and I hope that this particular edition continues to give you some impression of the wide variety of activities in which we are involved and the opportunities available to every student. The academic, sporting and social opportunities for personal development are extensive and each pupil should engage fully in as many activities as possible. I look forward in the New Year to continue working with you to ensure the best possible education for your children.

Nollaig Shona agus arbhliain faoi mhaise d'ibh go leir.



Entrance Scholarships

Congratulations to Plunkett Maxwell on receiving an Entrance Scholarship to University of Limerick in recognition of his outstanding results in the Leaving Cert in June. We wish him every best wish with his future studies in PE and Maths at University of Limerick.



Congratulations to Samantha Carroll who received an All-Ireland Scholarship Award sponsored by JP McManus in recognition of her high achievement in the Leaving Cert in June. The ceremony took place in the University of Limerick recently with Paul O'Connell as guest speaker. Samantha is currently attending St. Patrick's College where she is studying for a Bachelor of Education. We wish Samantha the very best in her future studies.



PARENTS' ASSOCIATION AGM

The Parents' Association AGM will take place on **Wednesday January 11th 2017 at 7.00p.m. in our school**. Our guest speaker is Ms. Angela Egan, a 'Triple P' Practitioner, who will address parents on the evening. Your attendance would be greatly appreciated.

ACADEMY

MCS academy takes place at 7.30am every Friday morning. Mr. Daly, Mr. Dolan and Mr. Hayes coordinate activities with breakfast kindly supplied by Eleanor in the kitchen.

Right: Girls put through their paces at MCS Friday morning Academy.



Black Friday

On Friday November 25th, TY Mini Company students held their very own Black Friday event. This event saw the study hall full of creative and innovative products ready to meet the needs of their customers. Products for sale on the day ranged from wallets, speakers, bath bombs, phone covers, watches, bracelets, homemade cushions, cookbooks, homemade serum and GAA socks to name but a few. The event ran very successfully with many potential customers curious about what the fair had to offer. The companies made great sales and were very happy with how the day went. These budding entrepreneurs are so eager they are hoping to have another market day in January.



Darcy Lawless, Kian Moran, Ronan Murphy and Juan.



Hugh Owens, Aaron Nugent, Ciaran Maxwell and Ignatio.

COLLEGE AWARENESS WEEK

During the week of November 21st-28th College Awareness Week was actively promoted in our school with several activities organised. A college-related daily competition was held for all students testing their knowledge on third level education and colleges. A large display promoting College Awareness Week was to be seen along the corridor in the main building. Several talks also took place during the week. On Monday morning Leaving Certificate students attended a talk presented by Hollie Hastings, Student Liaison Officer at Sligo IT. Students received up-to-date information on undergraduate courses in the three schools within the college and in relation to campus life at Sligo IT. On Tuesday TY students attended a talk on Media, Graphic Design and Marketing including Digital Marketing. We sincerely thank former MCS student, local

business owner and Athlone IT College Lecturer, Darren Doyle. On Wednesday our fifth year students attended a presentation on Life and Physical Sciences and career prospects within this field of study. Our guest speaker was Dr. Carol O' Donnell, Head of the Life and Physical Sciences Department at Athlone IT. To conclude the week Paul McDonald from Engineers Ireland came to speak with senior Engineering students about study and careers in Engineering and Helen Fitzsimons presented Further Education opportunities at Moate Business College to our fifth year students and she also explored the links between Further and Higher Education. Senior classes also received an up-to-date presentation on the National Skills Bulletin so they could learn about the Irish labour market and future job opportunities.

SCÓR

On the 27th of November the Scór County Final was held in Ballymore Hall where The Moate All Whites Ballad Group once again won the County Final taking home the Tommy McCormack Cup for the 4th year running. It all started on the 14th when Moate booked their place in the final in Milltown. In the final, Moate were up against a young group from the Downs Ladies who performed very well. However Moate came

out on top. The Downs GAA took home seven out of eight titles with Moate preventing the clean sweep. After winning the Leinster semi final, Moate now progress to the Leinster Final in Ballymore on the 7th of January. Well done to Edel Stone, Bronagh Bradley, Oisín Johnston, Nicole Rabbittie and James Costello and their mentors Louise Heavin and Ronnie Minnock.



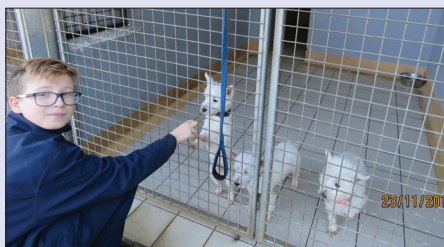
James, Bronagh, Edel, Nicole and Oisín.

OUR STUDENTS VISIT ISPCA

Third Year CSPE and TY Young Social Innovator students travelled to the ISPCA in Kennagh, Longford this term to learn about animal welfare and the essential services provided by this organisation. The groups had both an enjoyable and educational visit. They were brought on a tour of the grounds, briefed on the care of rescued animals and introduced to many of the animals which are available for adoption. Many thanks to the ISPCA for facilitating this visit.



Deborah Fakeye, Katie Farrell and Rachel Butler.



Franek Wozniak.

TY Students attend the Zeminar Conference

Zeminar: A life changing day for Generation Z - Around 80 of our TY students made the trip to the RDS in Dublin to attend this event. Zeminar can be described as an Interactive Health & Wellness Expo. It started off with students attending different workshops, networking with youth team leaders from all around Ireland and taking part in a range of activities which covered topics such as mental health, fitness, general well-being, careers, interests and hobbies. The day culminated in a highly anticipated talk from Irish TV personality, 'Niall Breslin', or, 'Bressie'. In his speech, Bressie laid his emotions on the table and bared his soul to a roomful of 1,000 (and even more watching from projectors outside the auditorium) and easily influenced young people in a gritty, deeply moving, honest account of his battle with mental health. Zeminar's emphasis on mental health had a huge influence on our TY's decision to attend as our school is in the process of becoming a 'Health Promoting School', and we mean to do this through promoting taking care of both our physical health and our mental health.



Moate CS TY Ladies attend Zeminar.

FIFTH YEAR VISIT OUT TO CAFFREY'S CHOCOLATE WAREHOUSE

On the 15th of November, thirty three Fifth Year LCVP students travelled to Caffrey's Chocolate warehouse in Walkinstown Dublin 12 to complete part of their Leaving Certificate course. The group were led into the reception area where they were welcomed to the chocolate warehouse and given an outline of the day. This was followed by information about the history of making chocolate and the history of Caffrey's. The group were then taken to a demonstration area where they were shown how to make moulds of chocolate for Easter eggs and other seasonal products and how to decorate chocolates and package them professionally taking into account food labels and the importance of displaying allergy information. All were delighted with their designed chocolates which they could take away as a memento of the day.

The group finally took part in a quiz which included questions on everything they had found out throughout the day. As a result of their excellent knowledge each group was presented with a certificate of attendance at the Caffreys Chocolate Warehouse.



Aoife King and Dearbhla Duignan at the Chocolate Factory.



Moate CS Fifth Year lads try their hand at chocolate decorating.

BOYS U16 FOOTBALL 2016

At the start of the year, the boys had challenge games against Rochfortbridge and Portlaoise. These matches were very important for Moate as it helped them prepare for the upcoming championship.

Our first championship match was away to St. Mel's of Longford. The game finished 1-11 to 1-06 in favour of the home team.

In our second championship encounter, we faced Athlone CC. Athlone got off to a very strong start with two goals in the opening five minutes. However it turned out to be Moate's day. It finished 4-07 to 2-10.

Our final group game was against a very strong Marist side. It was a must win match for Moate if they were to make it out of the group stage and despite every effort from our lads it was not to be. The game ended 5-09 to 2-07. This saw

an end to the U16 championship for MCS. It was a disappointing end, but the lads can be proud of their efforts throughout.

The Moate panel for the year was as follows:

1. Darcy Lawless; 2. Barry Collins; 3. Dean Moran; 4. Mathew Farrell; 5. Nicholas Hamm; 6. Daniel Ennis; 7. Ben O'Brien; 8. Colin Murphy; 9. Neil Clinton; 10. Aaron Nugent; 11. Dylan Egan; 12. Conor Bracken; 13. Aaron Keane; 14. Ian Daly; 15. Adam Donoghue; 16. James Clavin; 17. Daniel Buckley; 18. Thomas Dunning; 19. Pearse Norris; 20. Philip King; 21. Hugh Owens; 22. James Carey; 23. Ben Greenwood; 24. Rory Mullins; 25. Owen McCabe; 26. Glenn Carolan; 27. Cameron Digan; 28. Fintan McCormack; 29. Richard Browne; 30. Adam Turley; 31. Cathal Fitzmaurice.

Shoebox Appeal

Students in our school were busy recently donating boxes full of presents to Team Hope's Christmas Shoebox Appeal. These shoeboxes will be delivered to refugee children, street children, orphans, children in hospital or other needy situations in Eastern Europe and Africa. Members of the school's Student Care Team along with their religion teachers helped to organise this appeal. As well as making up the boxes they have created awareness around the school and given talks to Junior classes to encourage them to get involved. This is a very worthwhile activity and they were delighted to collect over 150 boxes this year. Thank you to all the students and teachers who contributed.



Members of the Student Care Team and Ms. Prendergast.

FUN WITH SCIENCE!

Science was the theme in our school during Science Week, 14th-18th November, with events ranging from Science Magic and Science Quizzes to Science Talks.

TY students introduced Science Experiments to First Years - TY students, once again, took over the First Year Science classes for the week, demonstrating many fascinating experiments they had prepared. These experiments included turning copper coins into silver and gold, making an iodine snake using Hydrogen Peroxide, and creating a dust explosion. It was a very enjoyable experience for all showing that Science really is fun!!

Second Year Table Quiz - TY students acted as Quizmasters for the Second Year Table quiz. Teams took part in the first round quizzes during their Science classes. The winning team from each class took part in the final at lunch time on Friday. Despite tight competition, Kirsty Lohan, John Horan and Roisin Gill Fagan emerged as overall winners. Well done to all who took part.

Sixth Year Students qualify for the Final of the ISTA Science Quiz - Congratulations to Seán McCabe, Eoin Cowen and Hannah Simpson who showed off their Science knowledge at the Regional Final of the ISTA Science Quiz at the AIT. The team were successful in achieving third place and qualified for the National Final in Trinity College Dublin on Saturday 26th Nov, where they performed well against challenging teams from around the country.

Focus on the Dose... Science Talk with TY Students As part of the Midlands Science Festival, Dr Craig Slattery came from UCD to talk to the TY students about Toxicology and the Science courses available in UCD. He informed them how everything, even water but especially coffee and high energy drinks, can be a poison depending on the dose. He also explained how the ingredients in drinks such as Monster and Red Bull can be very dangerous, particularly when mixed with alcohol. Dr Slattery pointed out to the TY students that the label on these drinks do not give a strong enough warning about the capability of the ingredients to cause serious issues. He explained the layout of the Science Courses in UCD, including the vast array of subjects and career areas.



Hannah Simpson, Eoin Cowen and Sean McCabe at TCD Dublin.

MCS POWER THROUGH TO THE LEINSTER FINAL!

On the 15th of December, our U16 Girls played Eureka, Kells in the Leinster B semi-final. With the home advantage, the Moate girls got off to a great start with a goal from corner-forward Ailbhe Sheridan. The half time score tallied up to be 1-8 to 1-5 to MCS. After a nailbiting second half Moate ran out winners booking their place in the Leinster Final which will be played after Christmas. Very well done girls! Final score 3-12 to 4-7.

LEINSTER SEMI FINAL AWAITS OUR SENIOR BOYS

The first round of the Leinster premier schools championship saw MCS taking on a relatively unknown Athy side in front of a home crowd. After a slow start for both teams Moate got the scoreboard ticking with a Robert Forde free which was followed quickly by Moate's first goal scored by Sean Clinton. And so the dominance continued cumulating in a final score of 7-29 to no score, as Moate won by a gigantic margin of fifty points after a great all-round display, especially in the full forward line.

Team: Jordan Nugent, David Mullins, Luke Gavin-Mangan (0-1), Charlie Parker, Liam O'Neill, Kieran Hartnett (0-1), Ciaran Kelly, Paul Gorman (0-1), Sean Clinton (1-1), Sean Farrell (0-3), Daniel Heavin (0-1), Harry Cornally (cap.) (1-1), Ben Cox (1-2), Sean Pettit (2-6), Robert Forde (2-7)

Substitutes used: Cathal Byrne (0-1) for Gavin-Mangan, David Fleming (0-2) for Cox, Lorcan Daly for O'Neill, Jack Bradbury-Hughes for Parker, Ian Daly for Farrell, Colin Murphy (0-2) for Cornally

Next up was Athlone Community College. We came into the game as favourites having already beaten Athlone CC in the League. But it was going to be an interesting encounter between two rivals after ACC knocked out a fancied Edenderry side in the previous round. A tough game ensued. However, Moate ran out comfortable winners on a score line of 1-17 to 2-6.

Team: Jordan Nugent, Charlie Parker, Luke Gavin-Mangan (0-2), David Mullins, Liam O'Neill, Kieran Hartnett, Ciaran Kelly, Paul Gorman, Sean Clinton,

Harry Cornally (C), Daniel Heavin (1-2), Sean Farrell, Robbie Forde (0-6, 4f), Sean Pettit (0-5, 4f), Ben Cox (0-1)

Substitutes Used: David Fleming (0-1) for Cox, Cathal Byrne for Cornally, Jack Bradbury-Hughes for Pettit, Colin Murphy for Farrell.

On the 14th of December in our first championship game away from home of this campaign, the team set out to beat St. Aidan's, a strong Dublin side who had already beaten a highly fancied Newbridge team. Conditions were challenging with rain throughout the game. Moate were up 0-4 to 0-1 at half time. Moate continued this trend in the second half and a fantastic goal by Robbie Forde proved vital. Moate ran out winners on a score line of 1-8 to 8 points.

Team: Jordan Nugent, Charlie Parker, Luke Gavin-Mangan, David Mullins, Liam O'Neill, Kieran Hartnett, Ciaran Kelly, Paul Gorman, Sean Clinton, Harry Cornally, Daniel Heavin, Sean Farrell, Sean Pettit, David Fleming, Robbie Forde.

Substitutes used: Jack Bradbury-Hughes for Cornally, Ben Cox for Farrell, Cathal Byrne for Fleming (Black Card).

This victory has secured a place for Moate in the Leinster Semi Final which will take place in January. We await with baited breath the outcome of Kilcock vs Good Counsel Wexford, the winner of which will play Scoil Mhuire, Mullingar to book the other place in the Leinster Semi Final. Well done lads!!



Senior Boys Football team.



Moate Community School Girls U16 Football Panel.