



Issue No 2

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NEWSLETTER

This week we were having fun **learning** about the awe-inspiring field of **astronomy** in Croí na Gaillimhe, Maureen O'Connell House, Mill Street, Galway. We began our session with some interactive fun Icebreaker questions.



This consisted of simply picking a question from a box of 20 great questions and relaying our answers to

the group. This helped us to get to know each other better and allowed us the opportunity to interact and welcome new participants to the group.



Next, we were given the opportunity to play exciting astronomy games. These interactive games ranged from educational, to just plain fun. We were delighted to have Phd student Adriana Cardinot lead us into space!

YOUNG HEARTS PROJECT



Our Lady's College Galway in partnership with Croí na Gaillimhe, and The Centre for Astronomy, School of Physics, NUI Galway.



TEACHING ASTRONOMY THROUGH BOARD GAMES 🎲



Adriana is a PhD student in the School of Physics at the National University of Ireland Galway. Her doctoral work explores creative learning methods that immerse and engage the post-primary students with physics. Her research is supported by the Brazilian funding agency CAPES! Adriana developed an astronomy board game for conceptual understanding and to engage players with astronomy and physics.



Though-out the session we were immersed in mathematics, astronomy and physics curriculum!

'Excellence Together'



The board game consisted of a card-playing tabletop game in which we rolled a dice to move, checked to see if we landed on a space with instructions, and then resolved it.



There were two types of question cards with questions related to physics concepts, with various degree of difficulty. The game also had a third card called "Who am I?", which had pictures of various scientists, researchers and astronomers who contributed to the development of astronomy.



One that comes to mind was Emmy Noether a

famous Mathematician (1882-1935).



The board itself was visually appealing which helped us connect to the information in the game.



Learning about science was so much fun!

Special thanks to a small meteor (Adriana) for passing through the earth's atmosphere (Croí na Gaillimhe) and helping modern astronomers (Our Lady's College students) explore outside the solar system through fun and interactive board games! Looking forward to Finbar's class next week!

