

Donegal County Library Service

**Then.
Today.
Tomorrow.**



Science Week **2025** Seachtain na hEolaíochta



**SCIENCE
WEEK**

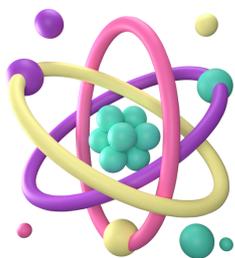
#scienceweek

9-16 November 2025

Supported by Research Ireland



**Comhairle Contae
Dhún na nGall**
Donegal County Council



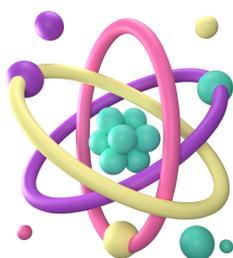
RÉAMHRA

Tá áthas orainn fáilte a chur romhat chuig ár gclár Sheachtain Eolaíochta 2025. Mar sheirbhís leabharlainne, tá sé de dhualgas orainn nuálaithe agus cruthaitheoirí na todhchaí a spreagadh trínár gcuid gníomhaíochtaí i réimsí na hEolaíochta, na Teicneolaíochta, na hInnealtóireachta agus na Matamaitice (STEM).

Is é téama fheachtas na bliana seo ná 'Ansin. Inniu. Amárach'. Spreagann an topaic seo páistí chun iniúchadh a dhéanamh ar an gcaoi ar mhúnlaigh agus ar fheabhsaigh an eolaíocht agus taighde san am atá thart na saolta ina mairimid inniu. Foghlaimeoidh páistí fosta faoi réitigh úr chun domhan níos fearr a chruthú don am atá le theacht, ó dhul i ngleic le bochtaineacht, éagóir agus damáiste dár bplainéad trí na 17 Sprioc Forbartha Inbhuanaithe (SDGanna) ar a dtugtar Clár Oibre 2030 fosta.

Tá súil againn go dtabharfaidh clár Sheachtain na hEolaíochta le téamaí taiscéalaíochta agus caomhnaithe, folláine mhothúchánach agus ceartais aeráide, agus an obair atá á déanamh ar mhaithe le todhchaí níos gile agus níos cothroime, tuiscint níos fearr ar ár bplainéad do pháistí.

Mar fhocal scoir, gabhaimid buíochas leat as a bheith linn chun Seachtain na hEolaíochta 2025 a cheiliúradh.





INTRODUCTION

It is our pleasure to welcome you to our 2025 Science Week programme. As a library service, it is our responsibility to expose, engage, and inspire future innovators and creators through our activities in the fields of Science, Technology, Engineering and Maths (STEM).

The theme for this year's campaign is 'Then. Today. Tomorrow'. This topic encourages children to explore how science and past research have shaped and improved the lives we live today. Children will also learn about new solutions to create a better world for tomorrow, from tackling poverty, injustice and damage to our planet through the 17 Sustainable Development Goals (SDGs) also known as Agenda 2030.

We hope our Science Week programme with themes of exploration and conservation, emotional wellbeing and climate justice, and the work that is being pursued in aid of a brighter and fairer future will provide children with a greater understanding of our planet.

Finally, we thank you for joining us to celebrate Science Week 2025.



Online



Dr Declan McKernan

Neuroscientist at the
University of Galway

BOOK NOW



One ticket per class



How does our brain affect how we feel or think?



Interactive Online Workshop

Meet Dr Declan McKernan Neuroscientist at the University of Galway to discover how the brain's messages shape how we feel and think. Declan will explore the amazing ways brain sends messages and what those messages do and what happens when the message go wrong.

Online

Thursday
13th November

10:00AM

Ages: 10 - 12

Online



One ticket per class

BOOK NOW



Interactive Online Workshop

A fun and interactive online workshop for 5th & 6th classes. Students will learn through games and activities about the work of Irish Aid around the world, and how Ireland is working to help achieve the UN Sustainable Development Goals (SDGs).

Online

Tuesday
11th November

10:00am

Age: 9 - 12



OLLSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY



Ceardlann Ríomheolaíochta le Ollscoil na Gaillimhe

Beidh ceardlann spráúil a chur a fáil ag Ollscoil na hÉireann, Gaillimh do pháistí i Rang 5 agus Rang 6 in Ionad an Acadaimh, Gaoth Dobhair. Bainfear úsáid as micríomhairí ar nós an Raspberry Pi agus an BBC Micro:Bit, atá deartha go speisialta do pháistí. Gheobhaidh na páistí blaiseadh beag ar chódú, ar ríomheolaíocht agus ar eolaíocht mar chuid den seisiún seo.

Ionad an Acadaimh,
Gaoth Dobhair

Dé Luain
10 Samhain

10:30 r.n

Ionad an Acadaimh,
Gaoth Dobhair

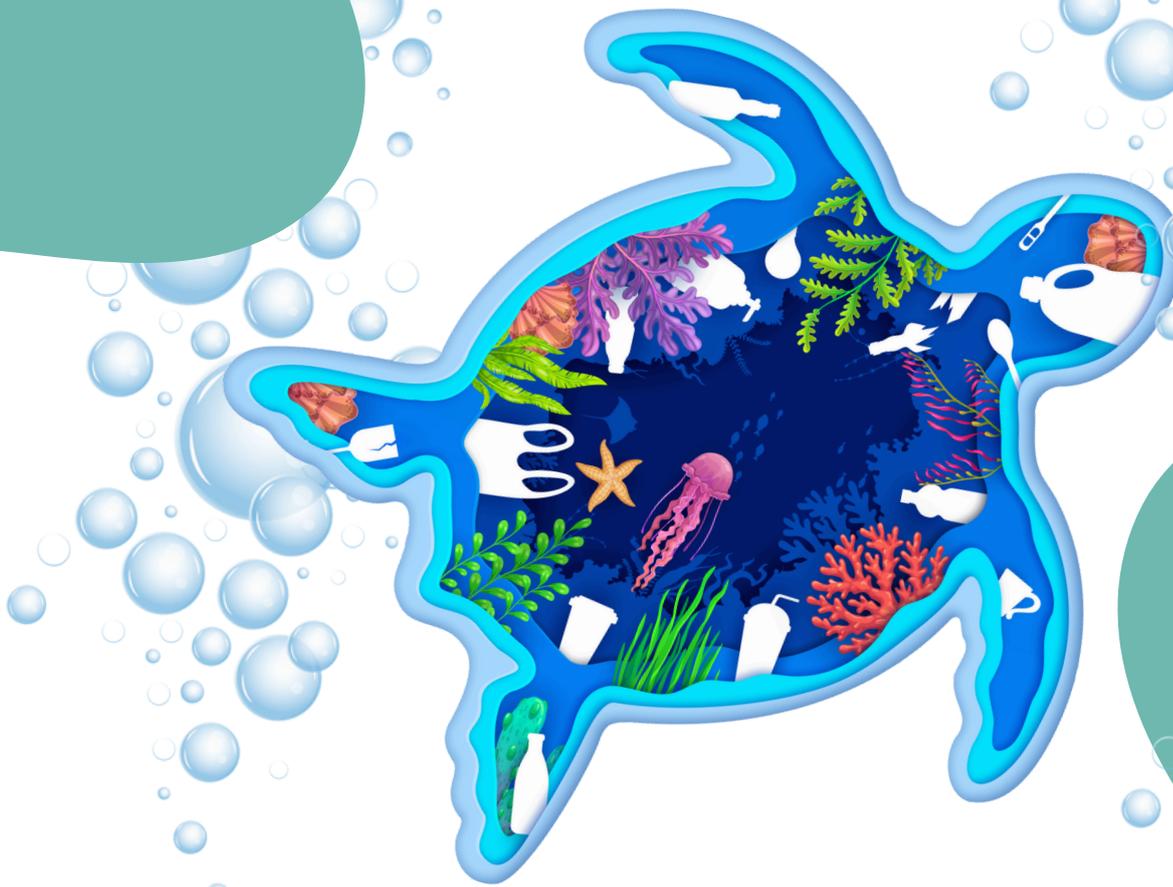
Dé Máirt
11 Samhain

10:30 r.n

Chun áirithint a dhéanamh, glaoigh ar 074 9560862

Aoiseanna: 10 - 12

Líon: 20



Ocean Commotion

In our Sea Science Workshop, we will be exploring what is polluting our seas and oceans and how it is affecting our marvellous marine life. We will learn about the young inventors who have created solutions to help save our seas, oceans, and rivers. Using recycled materials, the students can explore sea saving ideas by designing and creating prototypes of their own inventions.

Central Library,
Letterkenny

Tuesday
11th November

10:30am

Call Central Libnrary on 074 9124950 to book.

Ages: 9 - 12

Capacity: 25



Breeding Waders EIP Science Week field trip

Join Donegal Project Officer Alena Kunkel for an engaging outdoor school workshop in Moville, where students will explore Ireland's coastal waders, learn about the Breeding Waders EIP, and discover how they can contribute to a brighter future for these iconic birds.

Moville Branch
Library

Wednesday
12th November

11:00am

Please dress appropriately for outdoor conditions.

Call 074 9381500 to book

Ages: 10 - 12

Capacity: 30



Bundoran Fire Brigade

Join us for a fun fire safety talk with the Bundoran Fire Brigade! Come and meet your local firefighters and learn essential skills like identifying fire hazards and how to stay safe in the event of a fire.

Bundoran Community
Library

Wednesday
12th November

11:00am

Please dress appropriately for outdoor conditions.

Call Bundoran Library on 071 9829665 to book

Ages: 6 - 12

Capacity: 30




 Loughs Agency
 Gníomhaireacht na Lochanna
 Factrie für Loughs

Marine Machine Roadshow

Join Aoibheann and Michael from the Loughs Agency. Learn about our fresh water and marine water ecosystems and promote a deeper understanding and appreciation for our valuable waterways.

Carndonagh Community Library	Wednesday 12th November	10:00am
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Carndonagh Community Library	Wednesday 12th November	11:30am
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Call 074 9373701 to book

Ages: 8 - 12

Capacity: 30



Cyanotype Workshop

Come and join artist, photographer, and librarian Denzil Browne to explore a historical Chemical Photography process. Invented in 1841, Cyanotype was one of the first photography processes – you will learn about the technique and produce some prints of your own to take home!! Prints can be made with detailed flat items such as pressed flowers or fully detailed photographs can be printed from negatives. If you have anything that you would like printed at home just bring it along, or Denzil will have plenty for everyone.

Central Library,
Letterkenny

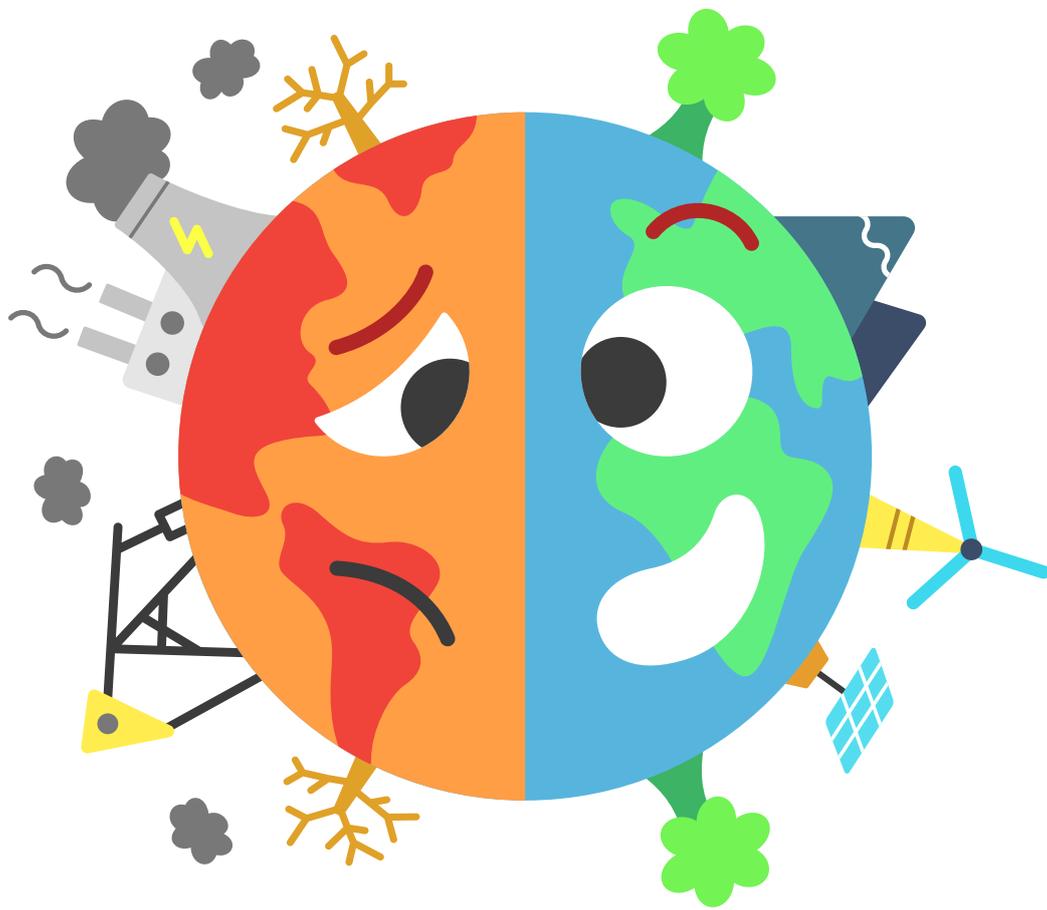
Thursday
13th November

10:30am

Call Central Library on 074 91 24950 to book

Ages: 9 – 12

Capacity: 10



Let's Talk Climate Change!

Join Yvonne as she teaches us about Sustainable Development Goals. Learn about SDG No. 13 - Climate Change and SDG No. 11 - Sustainable Cities and Communities. Find out what steps you can take to help Climate Change.

Yvonne Lang lectures in ATU Sligo and is part of the group Power to Change which helps build capacity within community groups to take positive actions to address the challenges of Climate Change.

Raphoe Branch
Library

Thursday
13th November

10:00am
Capacity 15

Twin Towns
Community Library

Thursday
13th November

12:00pm
Capacity 25

Ages: 7 - 9

Call 074 91 75384 to book



Children's Laughter Yoga

with Heather Peoples

Laughter Yoga is an exercise routine involving prolonged voluntary laughter. It is based on the belief that voluntary laughter provides the same physiological and psychological benefits as spontaneous laughter. Research has shown that Laughter Yoga in schools improves mood and increases productivity. Teachers & students are happier together, everyone has a more positive outlook and it improves communication, discipline and attendance!

Laughter Yoga is like an aerobic exercise (cardio workout) which brings more oxygen to the body and brain which makes one feel healthier and more energetic.

Bundoran Community Library	Thursday	-1:00pm
Call 071 9829665 to book	13th November	-2:00pm

Carndonagh Community Library	Friday	10:00am
Call 071 9829665 to book	14th November	

Buncrana Community Library	Friday	11:30am
Call 071 9829665 to book	14th November	

Ages: 7 - 10

Capacity: 30



Discover the Universe in 3D

The Cosmos: A 3D Journey Through Space

The NI Space Office, in partnership with the UK Space Agency, the European Southern Observatory and Swinburne University, present an awe-inspiring 3D show that brings the universe to life. Blending stunning visuals, live narration, and the latest discoveries, this immersive experience is suitable for all ages and guaranteed to spark curiosity.

Central Library,
Letterkenny

Friday
14th November

-10:00am
-11:00am
-12:00pm
-1:30pm

Call Central Library on 074 9124950 to book

Ages: 6 - 12

Capacity: 60



fáilte
go dtí do **leabharlann**



Comhairle Contae
Dhún na nGall
Donegal County Council

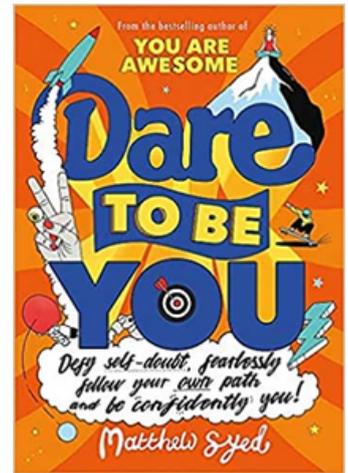
welcome
to your **library**

Donegal County Library Service is encouraging schools in Donegal to read a science book this year as part of Science Week. We have put together a list of books exploring how science is an important part of a shared better future. These books are available as class sets (30 titles of each copy). If you are interested in borrowing a class set please contact scienceweek@donegalcoco.ie

CLASS READS

Dare to Be You - Matthew Syed

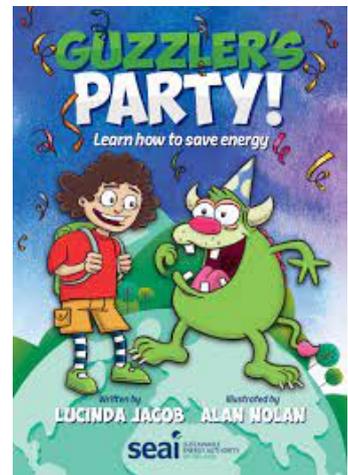
Drawing examples from sport, science and even business, Dare to Be You empowers young readers to follow their own path, love what makes them different and question the world around them. Matthew Syed introduces children to the power of diverse thinking.



Guzzler's Party - Lucinda Jacob

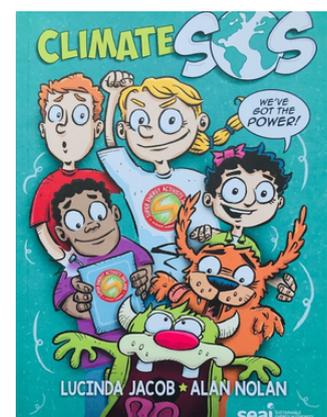
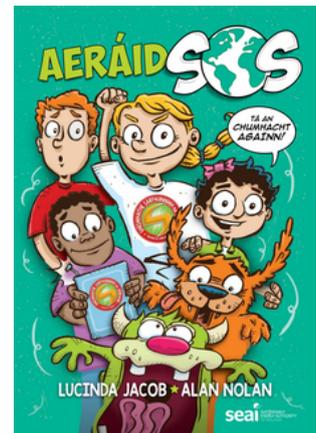
This illustrated story book is aimed at primary school classes from Jr Infants to 2nd class. Alina shows how you can reduce energy, while Guzzlers prepares for the energy party.

The book show lots of actions that the children can take to reduce their energy, giving them practical ways to take climate action and inspire them from a young age.



Climate SOS - Lucinda Jacob

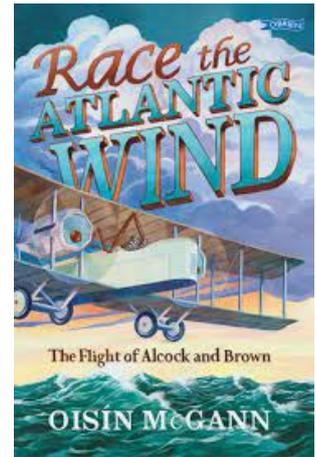
This Super Exciting story written by Lucinda Jacob will switch you on to climate change! The Super Energy Activists Ireland are four kids (and one dog) who are finding out about sustainable energy and protecting the environment. English & Irish version available



Books that Promote Science

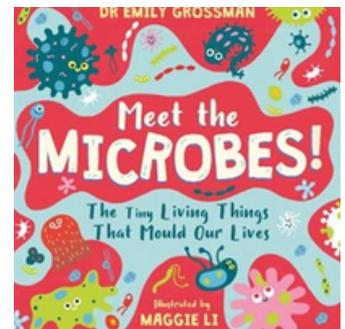
Race The Atlantic Wind - Oisín McGann

Join Alcock and Brown competing against some of Europe's most famous pilots. As the First World War comes to an end, teams of pilots and navigators gather in Newfoundland. The challenge: to be the first to fly non-stop across the Atlantic Ocean. This absurdly dangerous contest is going to change the world .



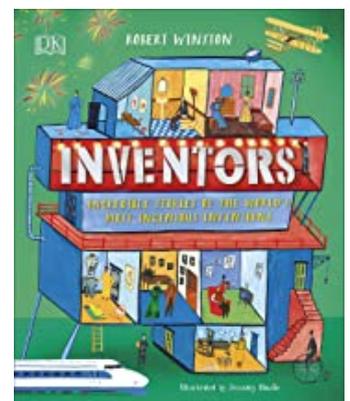
Meet the Microbes! - Dr Emily Grossman

Step into the incredible world of microbes in this fascinating picture book by Dr Emily Grossman about the miniature life that surrounds us. A picture book exploring the fascinating lives of microbes. With fun, playful text and bright, characterful illustrations, discover how these tiny organisms, including bacteria, viruses and fungi, are vital to life on Earth.



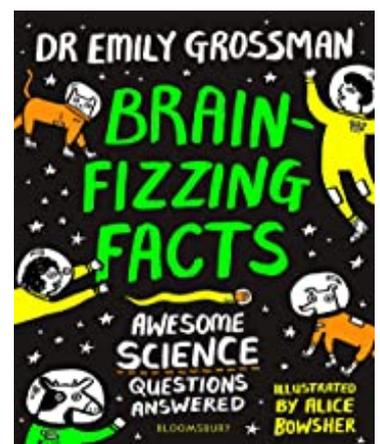
Inventors - Robert Winston

Each page is packed with jaw-dropping facts, with every inventor's achievements written as a story. Beautiful illustrations bring the inventor's stories to life, and fantastic photography highlights the detail of their designs. The inventors come from all walks of life and parts of the world, making this the perfect book for every budding inventor.



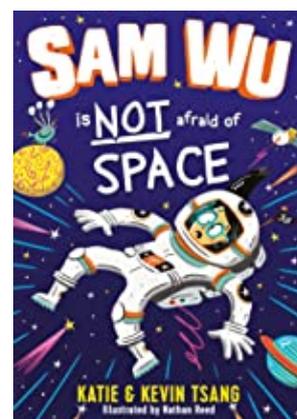
Brain-fizzing Facts - Dr Emily Grossman

This book will answer all science questions you may or may not have wondered about. Each section in the book is linked to the one before it, creating a fantastically interactive structure, where a question answered brings up new curiosities and surprises. After all, who wouldn't want to find out how a hippo can use its own sweat as sunscreen?!



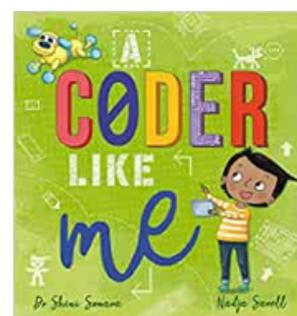
Sam Wu is Not Afraid of Space - Katie Tsang

The brilliantly funny and final book in the SAM WU series, starring the bravest scaredy-cat in the world! Perfect for fans of STEM. Sam Wu series sees our nervous hero joining his friends at space camp in a bid to win a prestigious trophy. Brilliantly tackling common childhood fears with laugh-out-loud humour.



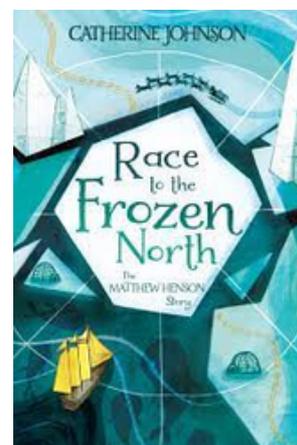
A Coder Like Me - Dr Shini Somara

Curious Sam has lots of questions. What is an algorithm? Could a robot be instructed to walk a dog? What is artificial intelligence? A day spent with Auntie Jo turns into a fascinating lesson in coding for Sam! They discover that the world is full of clever computers, find out about the language they "speak" and the brilliant coders who have helped us to understand it. Maybe Sam can try out some awesome coding projects and become a coder too?



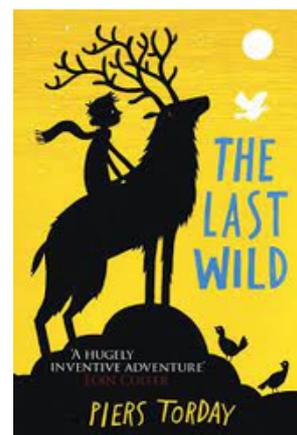
Race to the Frozen North - Catherine Johnson

Matthew Henson was simply an ordinary man. That was, until Commander Robert E. Peary entered his life, and offered him a chance at true adventure. Henson would become navigator, craftsman, translator, and right-hand man on a treacherous journey to the North Pole. Defying the odds and the many prejudices that faced him to become a true pioneer. This is his incredible and often untold story.



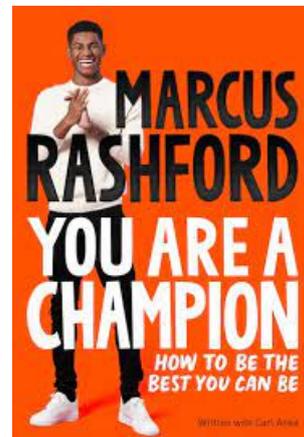
The Last Wild - Piers Torday

This is a story about a boy named Kester. He is extraordinary, but he doesn't know that yet. Kester lives in a land in quarantine. A deadly virus has killed all the animals except pests and it's expected to be equally dangerous to humans. A captivating animal adventure destined to be loved by readers of all ages.



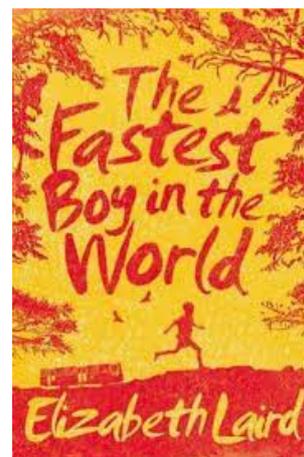
You Are a Champion – Marcus Rashford

Marcus Rashford MBE is famous worldwide for his skills both on and off the pitch – but before he was a Manchester United and England footballer, and long before he started his inspiring campaign to end child food poverty, he was just an ordinary kid from Wythenshawe, South Manchester. Now the nation's favourite footballer wants to show YOU how to achieve your dreams, in this positive and inspiring guide for life.



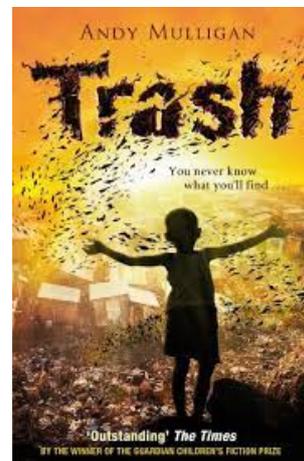
The Fastest Boy in the World – Elizabeth Laird

Eleven-year-old Solomon loves to run! The great athletes of the Ethiopian national team are his heroes and he dreams that one day he will be a gold-medal-winning athlete like them, in spite of his ragged shorts and bare feet. The Fastest Boy in the World by Elizabeth Laird is the inspiring story of a small Ethiopian runner with a very big heart.



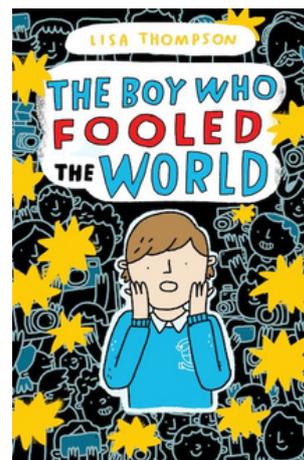
Trash – Andy Mulligan

Raphael lives on a dumpsite, eking out a living sifting through rubbish. One unlucky-lucky day, he makes an extraordinary and deadly discovery. Now he and his two friends, Gardo and Rat, are wanted by the corrupt forces that run the city and will stop at nothing to get back what they've lost. From the slums to the mansions of the elite, it's going to take all of their quick-thinking and fast-talking to stay ahead. And to stay alive.



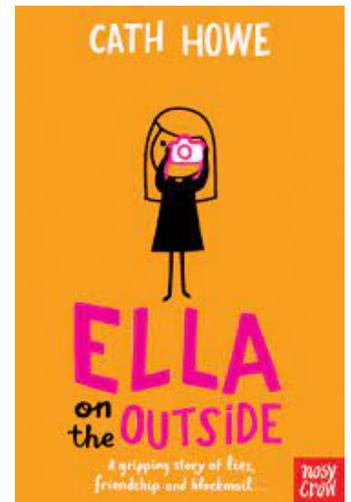
The Boy Who Fooled the World – Lisa Thompson

When a little white lie leads to a huge dose of trouble... Cole is the odd one out at school: the other kids have the latest gadgets and trainers while his family struggles to make ends meet. Until the day one of his paintings is talent-spotted and sells for thousands of pounds at a posh London gallery. A story of fame and fortune, making mistakes and learning to be true to yourself



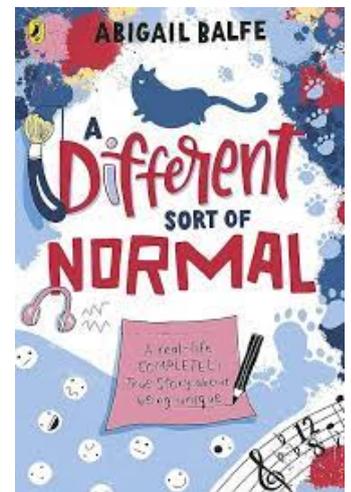
Ella on the Outside - Cath Howe

Ella is the new girl at school. She doesn't know anyone and she doesn't have any friends. And she has a terrible secret. Ella can't believe her luck when Lydia, the most popular girl in school, decides to be her new best friend - but what does Lydia really want? And what does it all have to do with Molly, the quiet, shy girl who won't talk to anyone? A gripping story ..



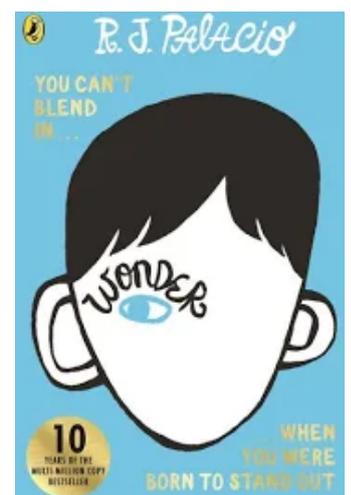
A Different Sort of Normal - Abigail Balfe

The beautiful true story of one girl's journey growing up autistic - and the challenges she faced in the 'normal' world. There'll be scary moments involving toilets and crowded trains, heartwarming tales of cats and pianos, and funny memories including my dad and a mysterious tub of ice cream. Along the way you'll also find some very crucial information about autism.



Wonder - R. J. Palacio

The unforgettable and life-affirming story of August Pullman - a boy who's desperate to blend in, but is destined to stand out. Born with a terrible facial abnormality, Auggie has been homeschooled by his parents his whole life. Now, for the first time, he's being sent to a real school. All he wants is to be accepted. But can he convince his new classmates that he's just like them, underneath it all?



If you are interested in borrowing a class set please contact scienceweek@donegalcoco.ie.