



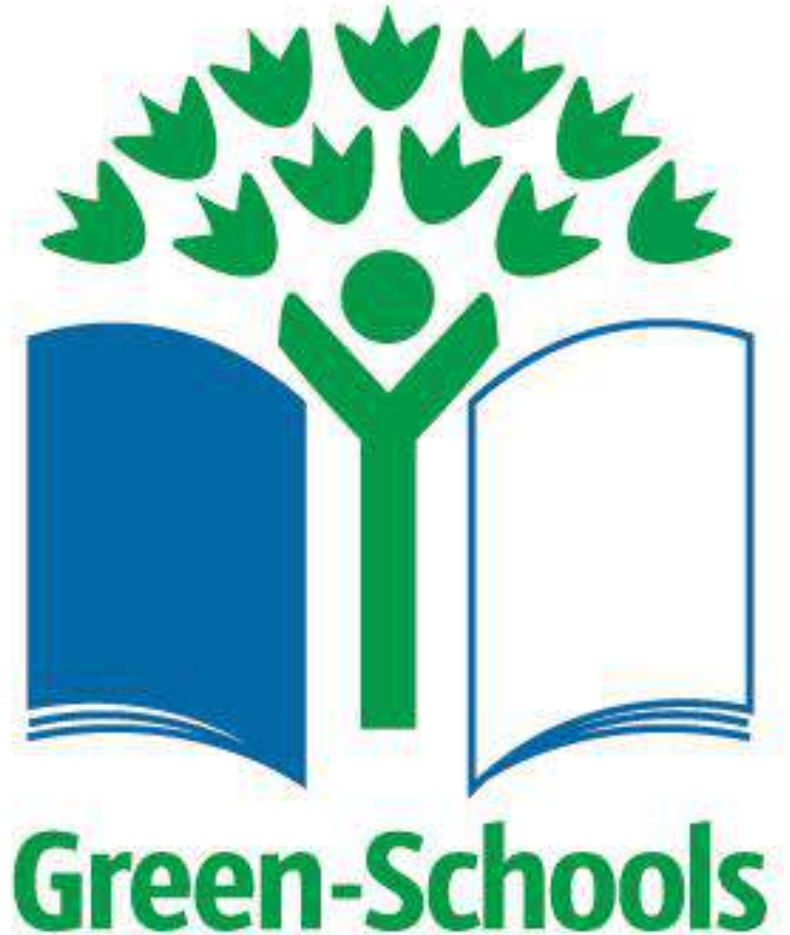
Green-Schools Marine Environment



An Roinn Tithíochta,
Pleanála agus Rialtais Áitiúil
Department of Housing,
Planning and Local Government

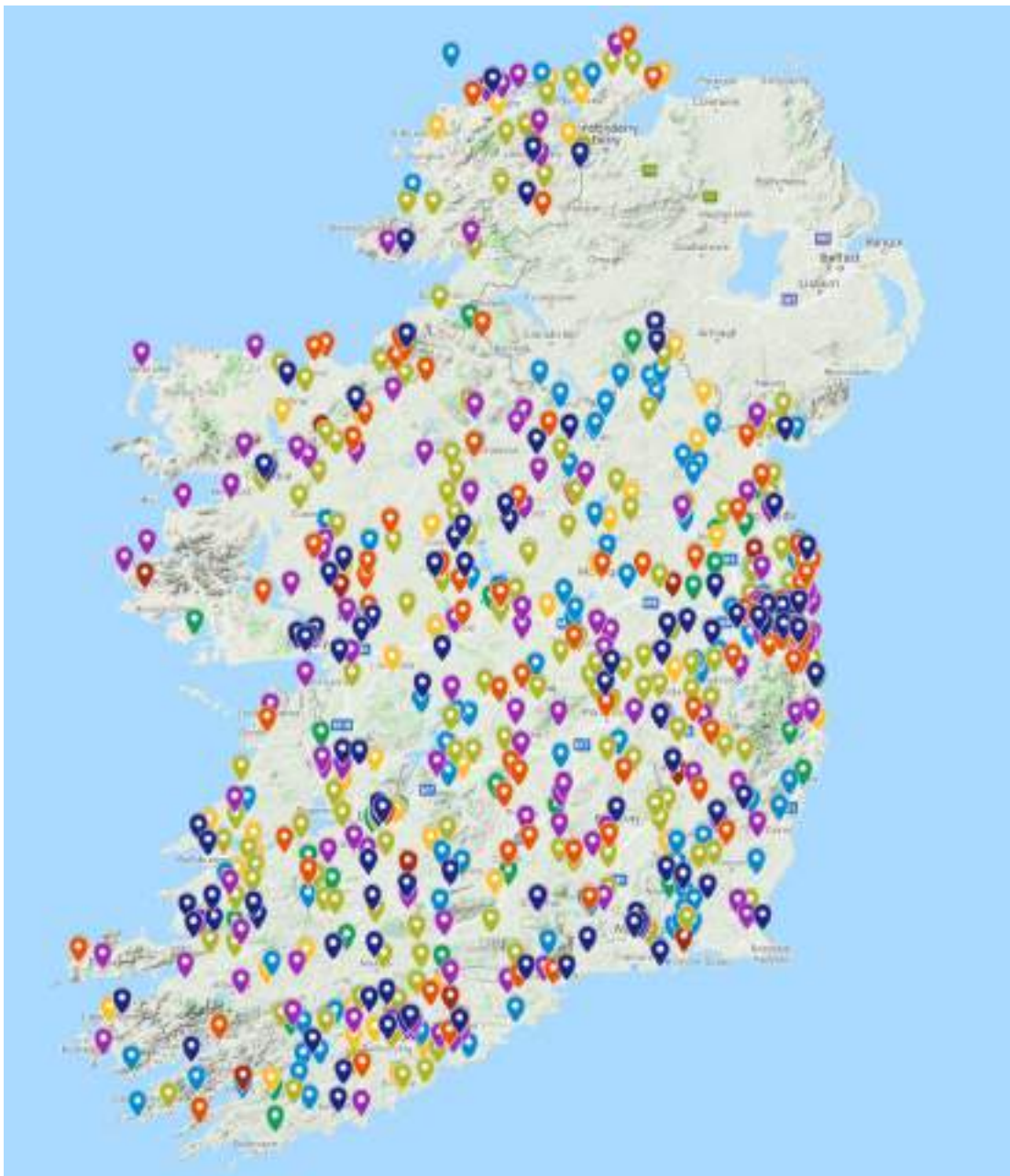
Dr Chloe Devlin





Green-Schools overview

- Environmental management and award programme, working with primary and secondary schools across the country
- FEE programme – Known as Eco-Schools worldwide
- Running in Ireland for the last 23 years
- 5 core themes for schools to work through - Litter and Waste, Energy, Water, Travel and Biodiversity



4000 SCHOOLS



OVER 93% OF ALL
SCHOOLS IN IRELAND



71,514 TEACHERS



782,661 PUPILS



Green-Schools themes

1. Litter and Waste
2. Energy
3. Water
4. Travel
5. Biodiversity
6. Global Citizenship Litter and Waste
7. Global Citizenship Energy
8. **Next theme... Global Citizenship... water?**

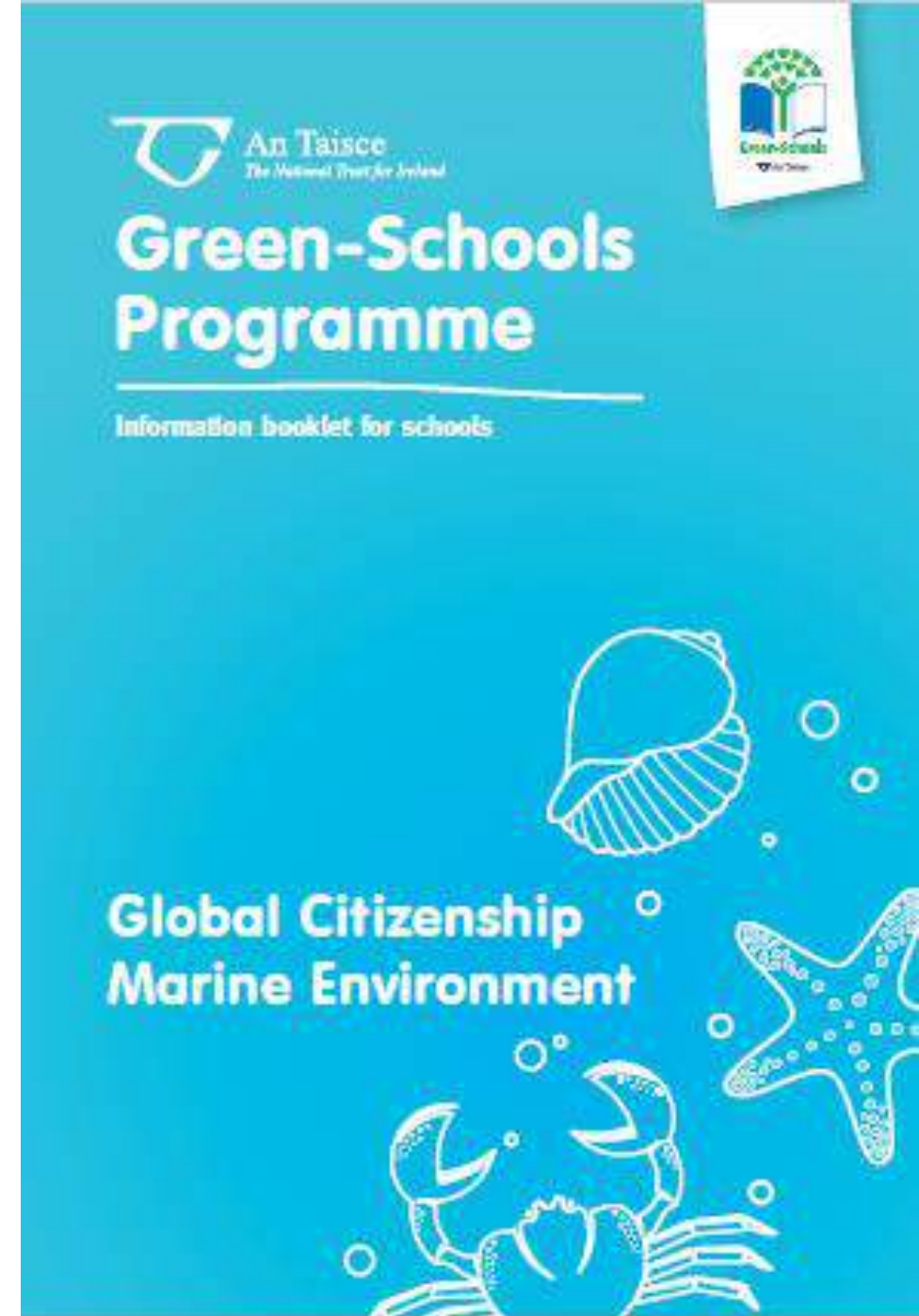


Green-Schools long term strategy

An ideal link to the Global Education element of the programme

Long-term nature of programme
opportunity to measure the impact of education interventions

Marine Strategy Framework Directive cited “*Lack of awareness*”
as a contributing factor to Marine Litter.





2016

- First year of the Marine Environment theme
- Funded by Dept. Housing, Planning and Local Government
- 58 schools
- Distributed nationwide
- 20 primary schools on a pilot project



Three Essential Actions for schools before they can achieve their Green Flag for the Marine Environment Theme

01

Marine Litter
Awareness Survey

02

Investigate sources
of Marine Litter and
promote an action to
reduce it

03

Take part in
#2minutebeachclean
or
#2minutestreetclean

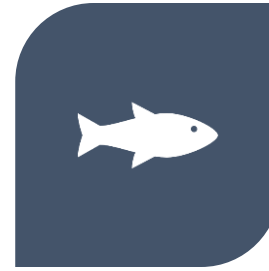
Interventions to help schools achieve the Green Flag



TEACHER
TRAINING



ONLINE
RESOURCES



MARINE
FORUMS



NATIONAL
CONFERENCE



- Over 30 seminars
- Sept- Oct 2019
- What is marine litter?
- How can we prevent marine litter?
- 2 week long summer courses



Teacher Training



- www.greenschoolsireland.org

- www.greenschoolsireland.org

[illegible]

Wellbeing on the Seashore - A resource for Teachers

Wellbeing on the Seashore



Take me to
the beach



Green-Schools

An Taisce

FUN FACT

Jellyfish are not fish!
They are more closely related to anemones and coral than fish.

Jellyfish

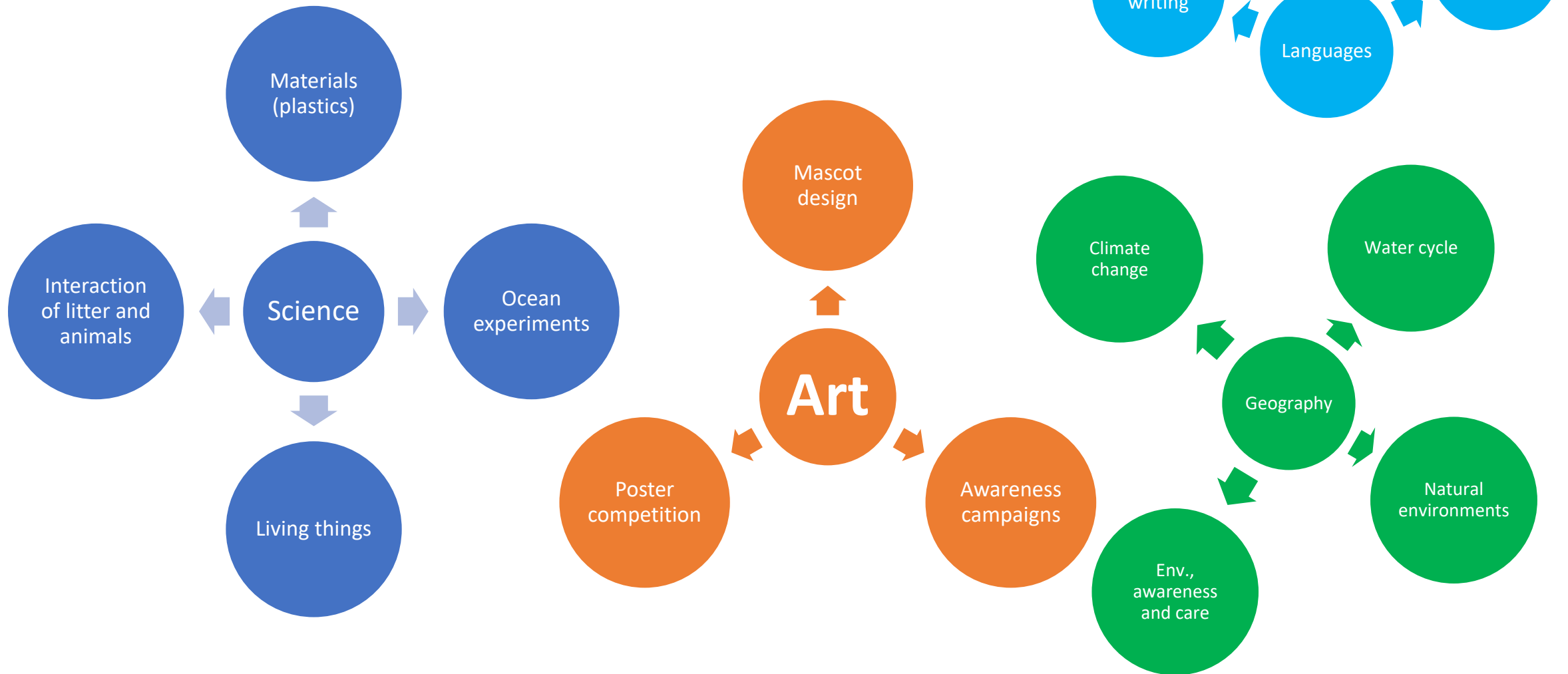
Jellyfish are umbrella shaped animals that are known for their long tentacles and their sting! They range in size and colour- from large and brightly coloured, to small and see through. They are not good swimmers, they float about in the water to carry them. A group of Jellyfish is called a bloom and can be over 100 jellyfish. This can cause trouble for factories by clogging up pipes. In Ireland, jellyfish from the sea, fill up fishermen's nets reducing their catch and making it difficult to get to beach users.





Moon
Lion's Mane
Compass

Step 5 of 7: Curriculum links





School Workshops

- Brought the coast to the classroom
- Visited 20 schools



Life Below Water Forums



Green-Schools National Marine Environment Conference

Topics

Microplastics

Marine Litter
and Wildlife

Marine
Mammals

Life on the
Rocky Shore

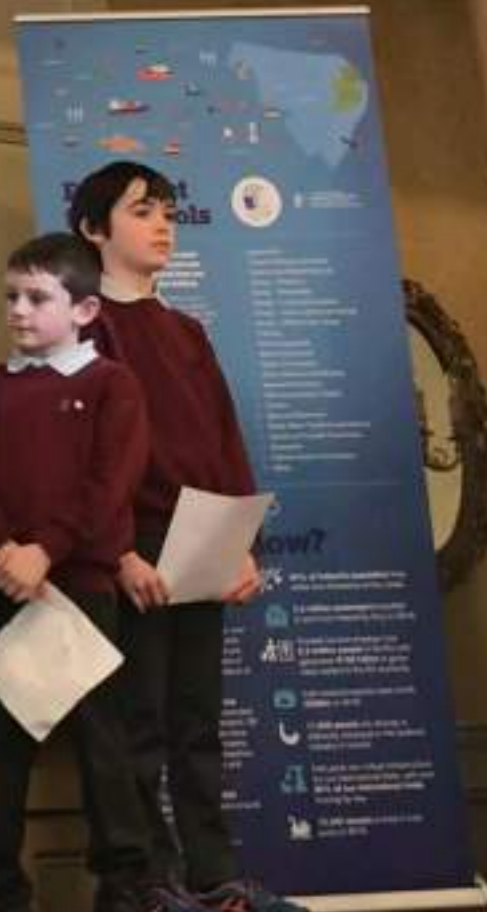
Fishing and
the Marine
Environment

Plastic Islands

Wellbeing at
the Seashore

WHAT ARE PLASTIC ISLANDS?

Plastic islands are the build up of litter such as fish bones, children's toys, plastic bottles, and other rubbish. These islands are so big that you can walk on them. Plastic islands are made of tiny bits of plastic, which are a threat to our fish and the food chain.



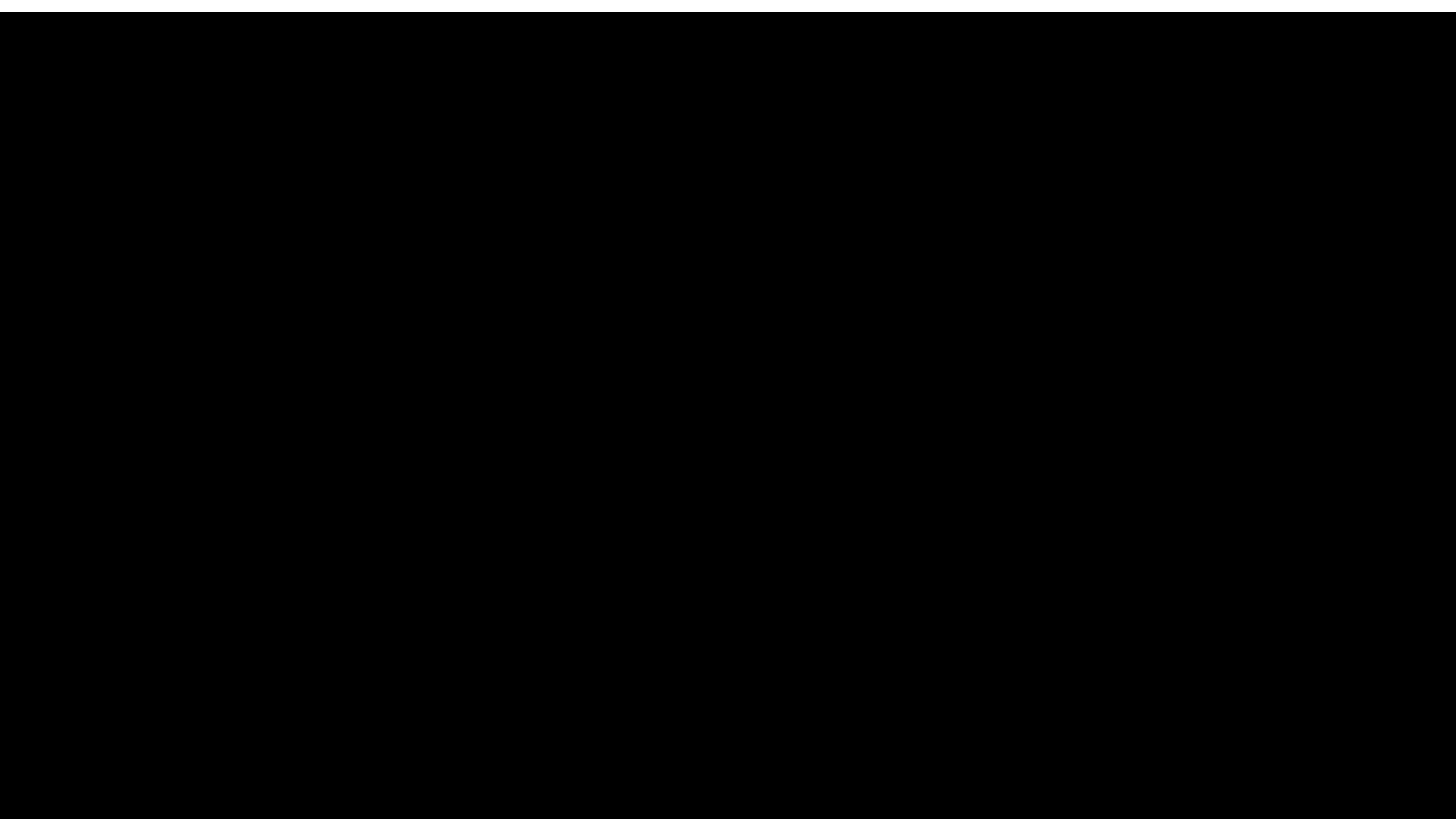
A high-angle, wide shot of a large conference hall. Numerous long tables are arranged in a U-shape, filled with people. The room has large windows in the background, a Christmas tree on the left, and ornate chandeliers. A text overlay is centered in the image.

At the Marine
Environment Conference
we have one rule....



Try to keep the message positive





St. Clare's Primary School, Harolds Cross

- This school called on their school community to take part in a plastic challenge.
- They first asked parents to collect all their plastic packaging for one week and bring it to school
- The students created a visual display of all the plastic that was collected by the wider school community, it was shocking
- Then they introduced the plastic challenge ...



Save Our Seas

#PlasticChallenge



So what is the #PlasticChallenge?

- No single use plastic purchased for one week

Or

- No purchase of anything containing the Top 4:
(Plastic bottles, bags, sweet wrappers or plastic lids)



Save Our Seas

#PlasticChallenge

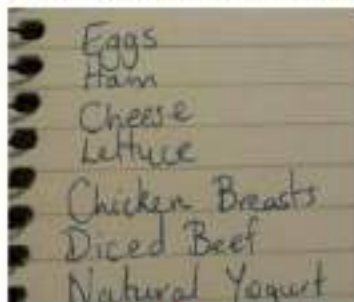


Join us in trying the #plasticchallenge

You Retweeted



Kate Liston @klistondublin
Off to do shopping. Let's see what the Tesco do #plasticchallenge



St. Clare's Primary @stclares1803
#plasticchallenge Do a week without buying any of the waste products: plastic bottles, bags and lids!

You Retweeted



Kate Liston @klistondublin
Epic fail Tesco #plasticchallenge #stclares1803



You Retweeted



Alex O'Reilly @Reilly2Alex
@stclares1803



You Retweeted

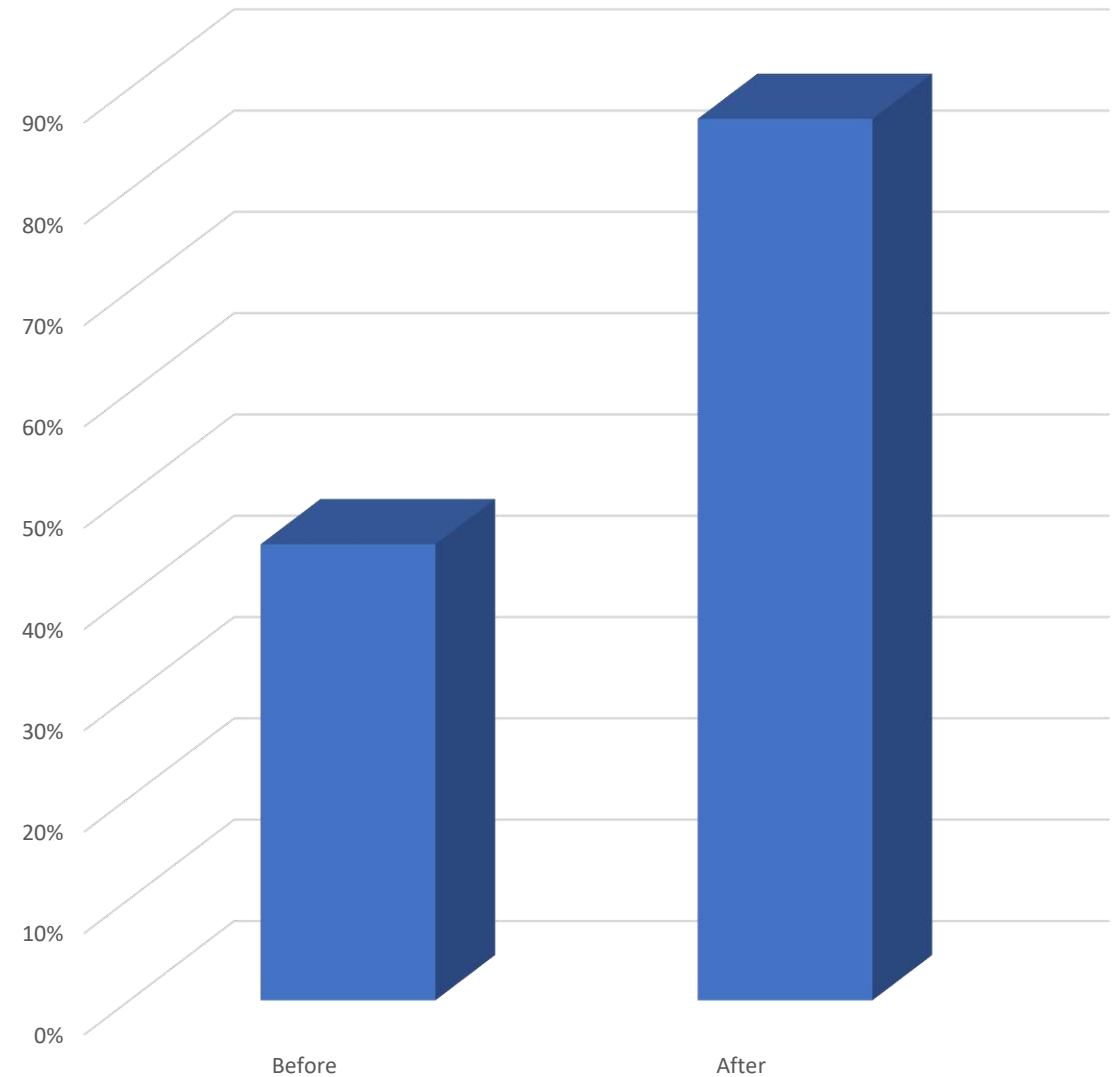


Alex O'Reilly @Reilly2Alex
@stclares1803 9 things no plastic #plastic challenge

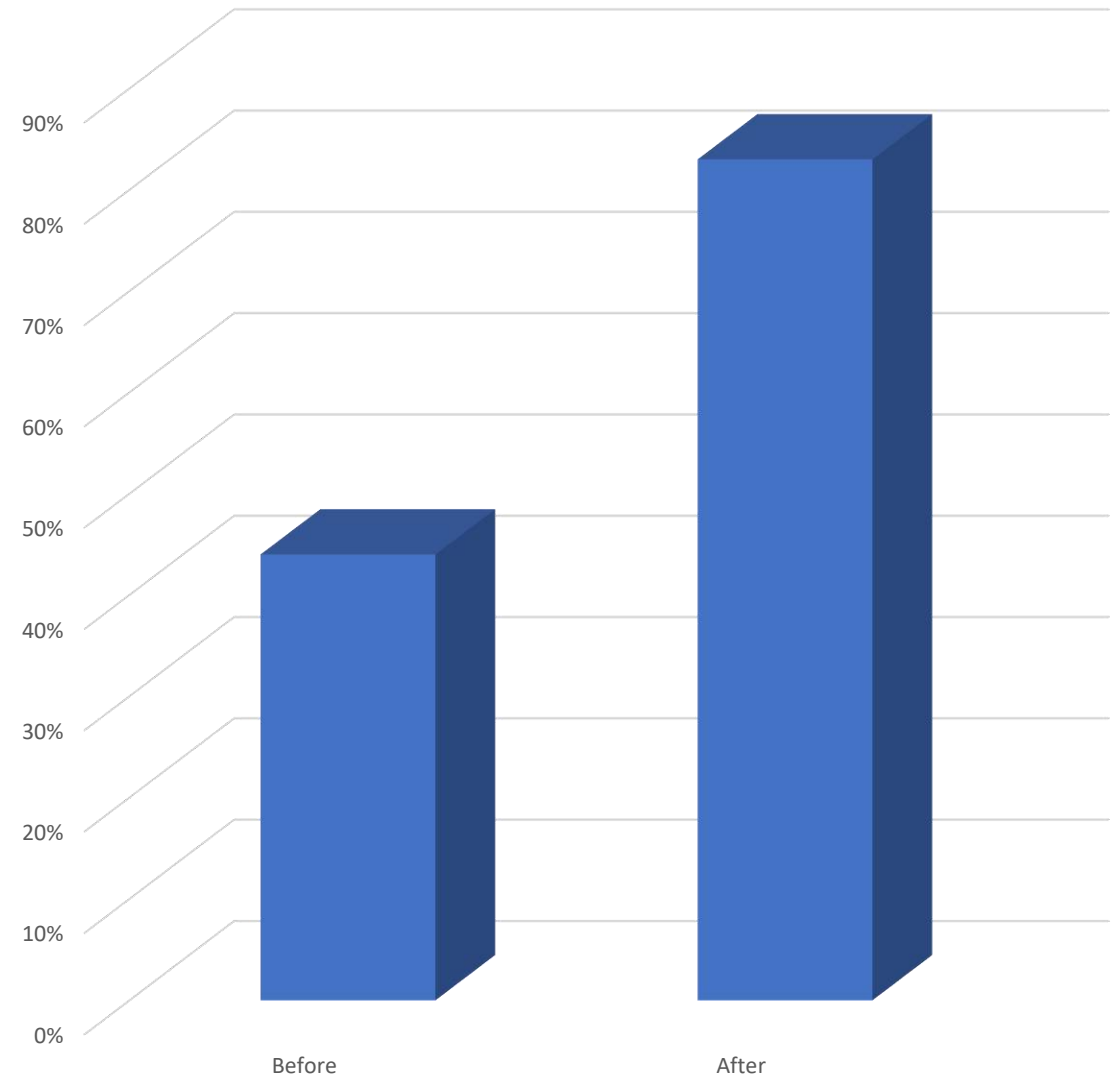


2018-2019 Marine Litter Awareness Survey Results

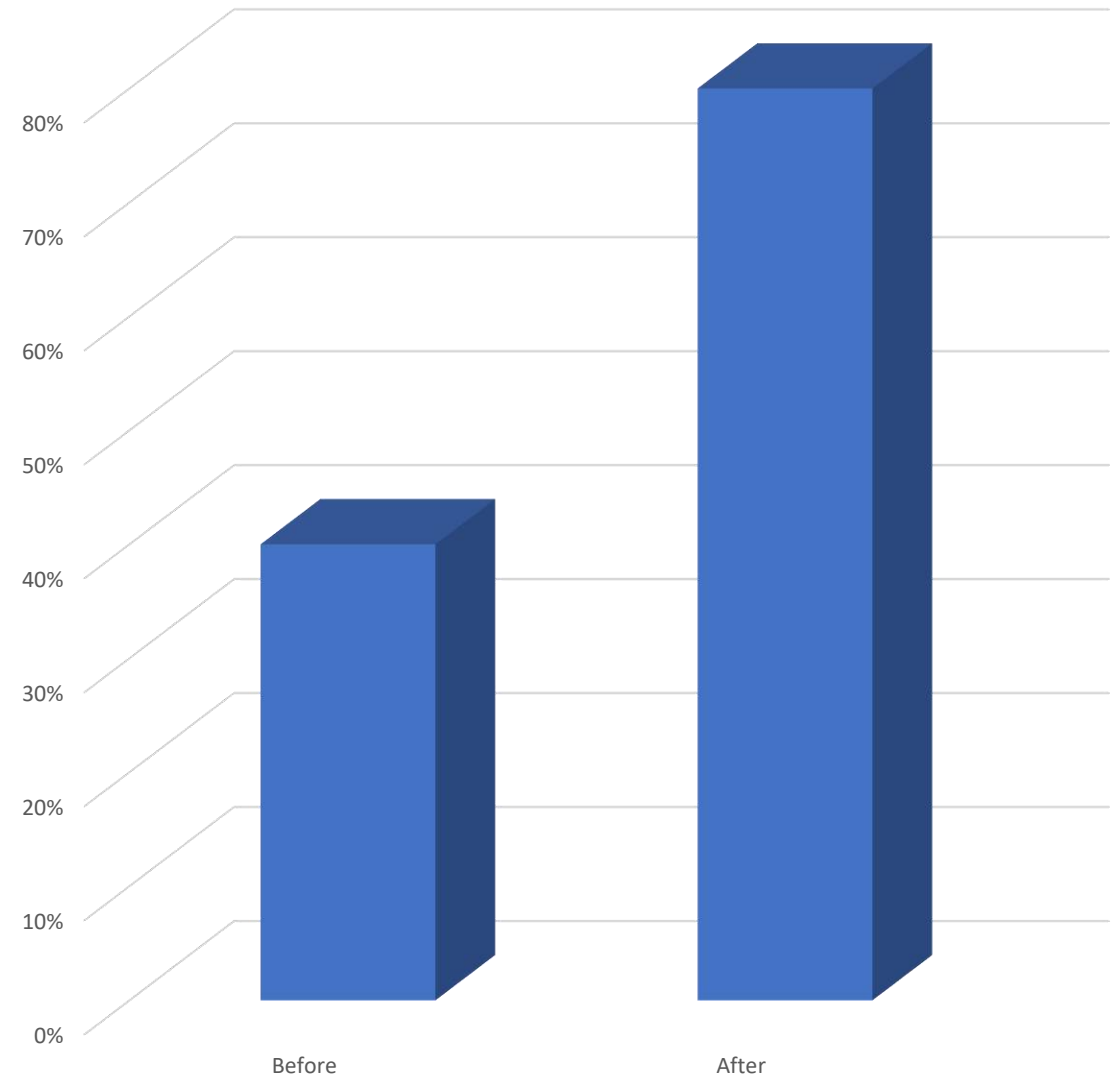
What % of staff and students have heard of the term 'marine litter'?



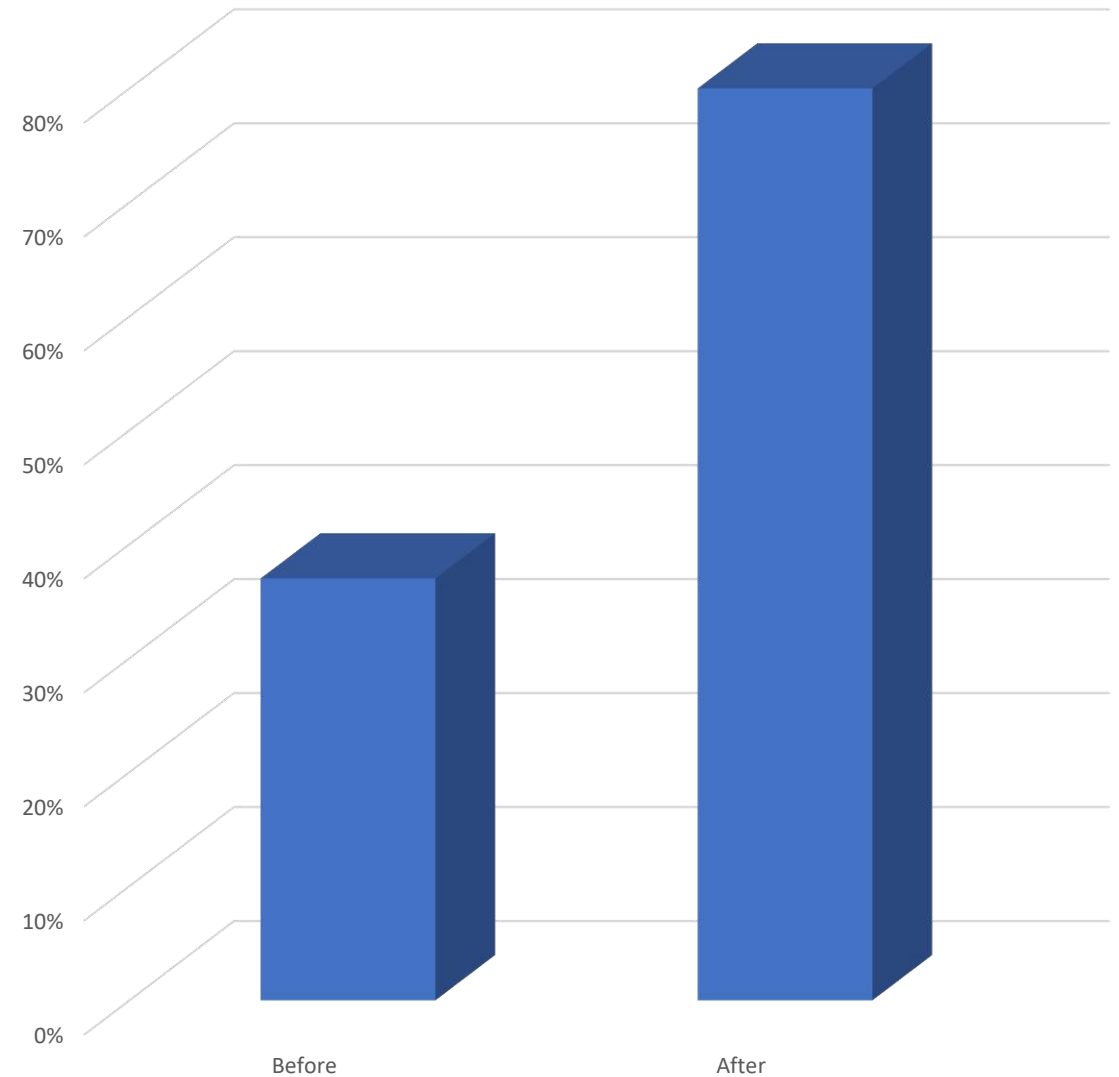
What % can list
three sources of
marine litter?



What % can list
three reasons why
marine litter is bad
for the marine
environment ?



What % can list
three ways we can
prevent Marine
Litter entering the
Marine
Environment?



Teacher Feedback

"We are now aware of how we can have a positive and negative impact on the marine environment even though we do not live on the coast." **Rahara NS, Roscommon**

"Pupils feel that they are part of a world- wide movement." **Scoil Oilibhéir, Cork**

"I received lots of positive comments from staff, children and parents that since they became more aware of marine litter and plastic pollution, they are more conscious of buying products with less plastic and are making a better effort to use reusable cups, bags etc." **Scoil Chroí Naofa, Athenry**



Seakeepers Project

- Increase students' knowledge of marine biodiversity through focusing on a small number of native Irish species.
- By increasing students' knowledge of and interest in marine life, they will develop a personal appreciation for the coasts and will be inspired to make more sustainable choices as they grow older.
- Baseline survey before any learning of species takes place
- Six key native Irish marine species
- Lessons plans and games
- Repeat Survey



Our Seas Our Future Competition



An Rannóg Fíréannach,
Stairiúla agus Rannóg Fíréannach
Department of Marine and
Coastal Development

Green-Schools | Global Citizenship Marine Environment
Marine Spatial Planning Competition



Our Seas Our Future

Did you know that Ireland's seas are
seven times larger than our landmass?

We want
you to help
plan the
future use
of our seas!

POSTER COMPETITION

Create an A3 poster to show what
you would like our seas to look like
in the future

Categories:

Junior Primary | Senior Primary | Secondary

- Tablet computer for 1st place in each category, prizes for 2nd and 3rd place too!

HOW I SEE THE FUTURE OF OUR SEAS



What have we learned?

- Kids love to hear from their peers
- Important to keep the messages positive when you can
- When students learn about how amazing the marine environment is, they are more likely to connect with it and want to protect it



Thank You



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Department of Housing,
Planning and Local Government

