

Message in a Bottle

Three Festivals Tall Ships Regatta

Between Friday 25th – Monday 28th May, the international fleet of Tall Ships returns to the Mersey linking the port cities of Liverpool, Dublin and Bordeaux.

Time and tide divide the modern-day cities of Liverpool, Dublin and Bordeaux – but it wasn't always so. Thousands of years ago the land on which the three port cities now stands was one, part of the great Eurasian landmass. Over time ice melted, seas rose, land bridges were covered, and distinct and different landforms were created, eventually becoming the British Isles, Ireland and continental Europe. But that deep Celtic connection remains, in outlook, personality and culture.

Changing Tides is the Festival's arts programme featuring new performances, festivals, installations, sculptures, dance, music and happenings, on both sides of the River over three fabulous days.



Changing Tides not only showcases the amazing talents and innovation of the local, national and international artists taking part, but also examines the effect of rising water levels on the development of our distinct cultural identities as well as our sense of shared Celtic-ness. And there are questions to be raised about our current environment, and how we treat the seas and oceans that both separate and link us.

Changing Tides features a series of artistic commissions exploring our connections and shared concerns, and plastics in the sea will be a crucial theme explored by artists.

Artist Lulu Quinn will create two 8-metre-long blue/green bottles using recycled plastic bottles, one for the Albert Dock, Liverpool and the other at New Brighton Marine Lake, Wirral, displayed throughout the Tall Ships Regatta.

Messages will be written on the bottles expressing concerns about the future of our Oceans. The Liverpool bottle will then be taken to Bordeaux where school children will also write their own responses and the bottle will be exhibited at the Bordeaux Wine Festival.

Families are welcome to come and see the sculptures in situ at Albert Dock, Liverpool and New Brighton Marine Lake, Wirral over the Three Festivals Tall Ships Regatta Weekend.

We would like to invite your school to join Lulu at Albert Dock on Thursday 24th May from 2.00pm – 3.30pm to write messages on the Liverpool bottle.

(The activity is limited to small groups of 5-8 pupils and is suitable for young people 7 years old and above (key stage 2 and 3). Risk Assessment will be provided. Limited numbers.)

To book please email sarah.vasey@liverpool.gov.uk

Inspiration to Write your Messages and Classroom Activities

Information on Plastics in the Sea

- In the UK we throw away around 455,000 tonnes of plastic bottles every year
- 8 Million tonnes of plastic is dumped into our oceans every year
- There are 5 trillion tiny pieces of plastic “Microplastics” in the sea
- Microplastics are in the marine food chain
- Every minute one truck load of plastic waste is being added to the sea
- It takes just 25 two-litre plastic bottles to make a recycled fleece jacket
- Recycling just one plastic bottle saves enough energy to power a 60W lightbulb for six hours
- Around 11% of our household waste is plastic and 40% of this is plastic bottles
- A plastic bottle lasts 450 years



Short films about plastics in the seas

BBC Blue Planet (4.18) <https://www.youtube.com/watch?v=38JDGnr0vA>

Kids take action against Ocean Plastic National Geographic
<https://www.youtube.com/watch?v=hKfV9lquMXA>

Talk with your pupils about the issue of plastics in the sea

- Who and what is at risk?
- How does the plastic get in the sea?
- Where is the plastic?
- How did it happen?
- How could it change?

Write your messages

The Audience: the bottle sculptures will be seen by the visitors of all ages to the Tall Ships Festival and school children in Bordeaux, France.

Purpose: to raise awareness of the issue of plastics in the seas, how could we make positive change happen?

Context: Plastics in our seas travel all over the world, it is a global issue, a piece of plastic dropped in Liverpool could be washed up on the shores of France or beyond.

Creative Writing ideas

What makes a powerful message?

Something an audience will read and remember.

Examples of powerful messages

Number in a Bottle – Numeracy activities

Liverpool Counts hold the annual Liverpool Maths Party, this year on 6th July 2018. Why not use the theme of plastics in the ocean as part of your maths activities.

(See Numeracy Info Sheet below)



Further Activities and Resources

Liverpool Recycling Team

Liverpool City Council's Recycling Team is offering a programme of school visits and curriculum linked activities around recycling which underpins the city's 'cleaner & greener' vision. For more information and to book a visit to your school please email RecyclingTeam@liverpool.gov.uk

Merseyside's Recycling Discovery Centres

Veolia offers free school and group visits to its Gillmoss Recycling Discovery Centre on behalf of Merseyside Recycling and Waste Authority. Come along and see state-of-the-art recycling in action and delve into the world of waste. Booking is easy and all sessions are led by a qualified teacher. *"A must for every child to visit. Fun, interesting and educational"* - Ranworth Square Primary School

www.veolia.co.uk/merseyside-and-halton/RDC

Keep Britain Tidy – Love my Beach and Eco Schools

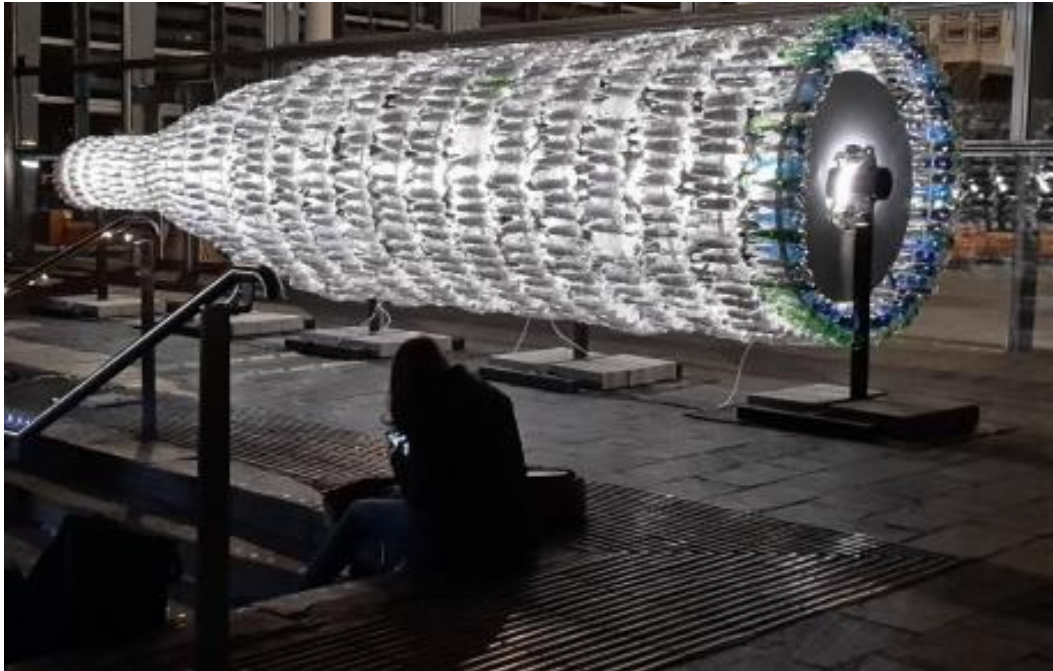
The LOVEmyBEACH campaign was created in 2013 by Keep Britain Tidy and has received strong support from individuals and partners across the region working together to keep our local beaches and bathing waters clean. You don't have to live by the sea to make a difference – wherever you live, work, visit in the North West, you can help to support LOVEmyBEACH. Here's the link to the LOVEmyBEACH website where the education pack can be downloaded for free: http://lovemybeach.org/resources/?resource_tag=schools

The pack was developed with KS2 in mind but it can be adapted for older ages and contains an introduction, PowerPoint presentations for both an assembly and classroom setting and then follow up activities for teachers to lead in school and for the children to take home.

Also see Keep Britain Tidy's Eco-Schools programme, where schools can take action on a number of environmental topics to get a green award: <https://www.eco-schools.org.uk/>

Please forward any images of your pupils work to sarah.vasey@liverpool.gov.uk

Numbers in a Bottle



Liverpool Counts is teaming up with *Message in a Bottle* in order to highlight the effects single use plastics are having on our environment. Why don't you use this theme for your 2018 Maths Party? This year's Liverpool Maths Party takes place on 6th July 2018. You will find more information at

<https://www.liverpoollearningpartnership.com/mathsparty/>



9 REASONS TO REFUSE SINGLE-USE PLASTIC



1 Made from fossil fuels



2 Huge carbon footprint



3 Will still be here in hundreds of years



4 Only a tiny percentage is recycled



5 Leaches toxins into food & drink



6 Causes hormone disruption & cancers



7 Pollutes our oceans



8 Kills marine animals and birds



9 Enters our food chain

LESS PLASTIC.

WWW.LESSPLASTIC.CO.UK

It can't really be avoided any longer. Single-use plastics are a human addiction that we must face head on. Plastic pollution is not only impacting our waters and marine life, but also the human food chain and our overall health.

There are 6.3 billion tonnes of plastic waste on Earth

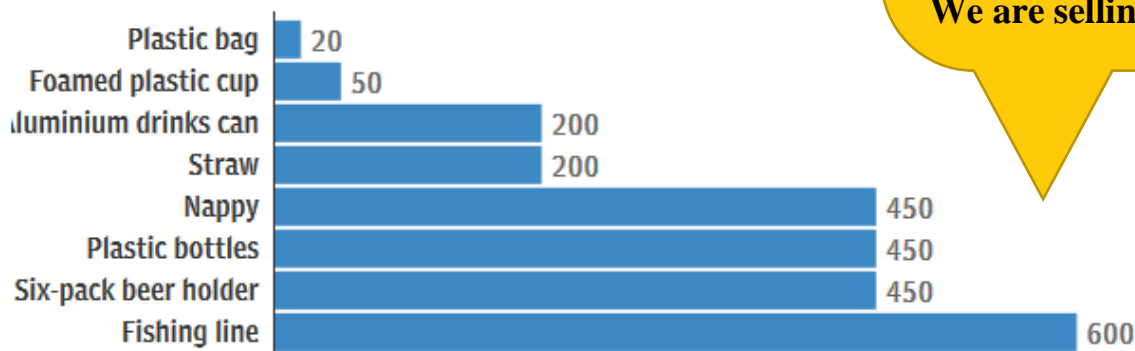
Plastic will outweigh fish by 2050

A nappy will be on Earth five times as long as the baby it helps

For every 100m of British beach, there are over 200 plastic or polystyrene items

We are selling 20,000 more

Estimated time taken to biodegrade (years)



SOURCE: NOAA/ WOODS HOLE SEA GRANT

Types of Plastics You're Using (And which ones you shouldn't)



■ Safest Choice
 ■ Use with Caution
 ■ Avoid