

WasteShark in plastic infested waters



In the Middle Dock at Canary Wharf, on the river Thames in London, a robotic shark is helping to tackle the waterways waste problem by eating up the plastic, which can be found littering the river, allowing it to be recycled! RanMarine's WasteShark is the world's first autonomous surface vessel that can monitor the water quality, whilst also removing rubbish and harmful algae from the water. Just when you thought the WasteShark couldn't be any better for the environment, its designers say it will also soon be able to clean up oil and it already

operates emission free! The ingenious invention uses two electric thrusters to move through the water, has a maximum speed of 3km per hour and can collect 22,700 plastic bottles per day. The floating machine has 15 different sensors that can measure things such as temperature, depth, dissolved oxygen, turbidity, blue-green algae, as well as crude and refined oils, helping scientists to analyse the conditions in the river. The battery-powered robot travels for up to five kilometres (3.1 miles) scooping up floating plastic. Creator, Richard Hardiman, said 'I am not against plastic, it is a convenient product. But we do have a huge mountain of plastic waste entering the environment. It's all about how to recycle plastic even better. We can make great strides in that and the WasteShark can contribute. My dream is to have millions of WasteSharks active all over the world.'

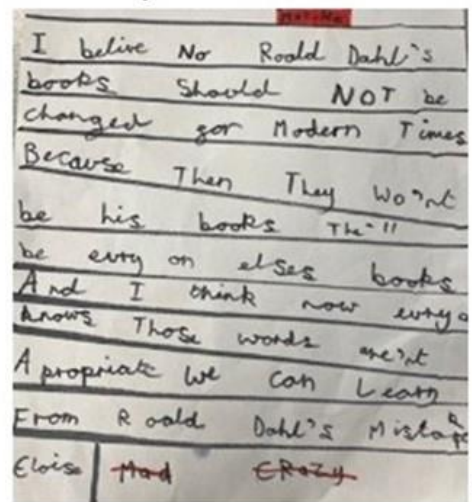
Pictured above and below: WasteShark models and in action cleaning up the waterways
Source: RanMarine Technology Twitter page.



Your views on the news

Here at Picture News Headquarters, we love to hear your thoughts on our big questions and news stories! So many of you regularly share your fantastic opinions and answers through the discussion board found on our website and we want to take this even further. If you would like your voice to be featured in our newspaper or social media accounts – please get in touch by sending us your comments, your writing or photo snaps! Alternatively, if you are inspired by a news story or event, locally or in the wider world, and would like to write a story for us to publish 'in the spotlight' simply send it to us! Your teacher or grown-up can send us your work via post, email or social media using the links below.

Let us know your views on our stories!



Pictured: Pictures sent in to us from Picture News schools. **Source:** Picture News Facebook page.



Lucky Strike golden discovery

An amateur gold digger has discovered a ginormous gold nugget, worth hundreds of thousands of dollars in Victoria, Australia. The metal detecting enthusiast, who does not wish to be named, discovered a 4.6kg rock in the Goldfields region of Victoria, also known as the 'Golden Triangle' as it is famous for its gold. The nugget, which was found with the help of a budget metal detector contained 2.6kg of gold and is worth £130,000! 'It's one of those life-changing pieces,' said Darren Kamp, who owns Lucky Strike Gold Prospecting where the gold was valued and bought. 'When he dropped it into my hand my jaw dropped with it. I've been in the gold industry for 43 years and it's the biggest gold specimen I've seen. You see big specimens found by big companies underground... but to find it with a detector, it's the biggest one I've seen.' In order to prospect for gold, a miner's right must be held. The licences, which last for 10 years, cost \$25.50 (about £20) and if you do not have one, you can't keep any gold you find as it then belongs to the crown. Whilst discoveries of this size are very rare, many people look for gold in Australia as it is believed to have the largest gold reserves on the planet and

The Lucky Strike Nugget 83 OUNCES OF GOLD



Pictured: Lucky Strike gold nugget.
Source: Lucky Strike Gold Facebook page

many of the largest gold nuggets have been found there. The largest recorded to date being the 'Welcome Stranger' which weighed 72kg and was found in 1869!

Last week's topic: How important are guide dogs for those in need?

I think all options should be explored to help people. It shouldn't be relied on by volunteers.

Mark




I think they are really important because they help people who need them and they also keep you company if you are lonely. They will become your best friend after a while because that is what they do. Guide dogs are really useful for those in need.

Grace

I think there are lots of tools around to help people who can't see.

Lily

Let us know what you think about this week's news?

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 help@picture-news.co.uk

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 Picture News Ltd,
Colber Lane,
Bishop Thornton,
Harrogate,
North Yorkshire, HG3 3JR

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