

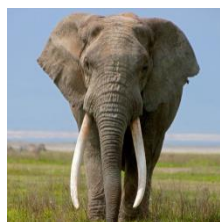
Topical Science Update

A Plastic Special Report

The History of Plastic

Although invented in 1869 synthetic plastics have only really being in widespread use for the last 50 years.

Ironically it was first thought plastics could protect the natural world from the destructive forces of human need. Demand for ivory, tortoiseshell and horn was growing and plastic was seen as the saviour of the elephant and tortoise.



[Plastic Timeline](#)
[Life of a Plastic Bottle](#)

[Brief History of Plastic](#)
[The Case for Plastic](#)

Plastic Solutions

The problem of plastic is a man-made one and it is up to us to clear up this mess – literally!

There needs to be a multi-approach solution to the plastic problem:

- Reducing the amount of single use plastic we use
- Reusing and recycling as much plastic as possible
- Finding innovative alternatives to plastic
- Developing biodegradable plastics
- Developing technology to clean up the oceans

[Ocean Clean-up](#) [Plastic Pollution Coalition](#)

[The Plastic Tide](#) [Bioplastics](#) [Trash Robot](#)

[Edible Cutlery](#) [Banana Bags](#) [Plastic Roads](#)

[Plastic Houses](#) [Precious Plastic](#) [Bottle Return Scheme](#)

The Great Science Share for Schools

The Great Science Share for Schools is a national campaign to engage young people in sharing science with new audiences.

It takes place on **19th June 2018** - Register your participation and download free guidance and resources [here](#).

Email greatscishare@manchester.ac.uk for more information.

Be Plastic Clever

The Plastic Clever campaign is run by the inspirational Kids v Plastic. They are working hard to get businesses to give up using single use plastics.

[Kids v Plastic](#) [Plastic Bag Charge](#) [Plastic Straws](#)

Topical Science Update Survey

As part of my school's PSQM award this year I am wanting to get some feedback on the impact of Topical Science Updates in schools that use them.

Can you please complete the short survey at the link below.

[Topical Science Survey](#)

Thanks

The Plastic Problem



One of the great advantages of many types of plastic is that they're designed to last - for a very long time.

However this is also the biggest problem with plastic; almost all the plastic ever created still exists in some form today. Of the 8 billion tonnes of plastic produced in the last 60 years over 6 billion tonnes still exists in some form.

About 10 millions tonnes of plastic ends up in the ocean every year and this is where the real environmental damage is being done!

[Ocean Rescue: Special Report](#) [Plastic Problem](#)

[Plastic Ocean](#) [Blue Planet](#)

[Plastic Pollution in Numbers](#)



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Great Science Share for SCHOOLS

A programme of events aimed to inspire young people into science and engineering

gsshare4schools.co.uk
[#GreatSciShare](https://twitter.com/GreatSciShare)

topicalscienceupdates@gmail.com