

DISCOVERY PLANET presents

# PLASTIC Unwrapped

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DISCOVERY PLANET RAMSGATE](https://www.facebook.com/DiscoveryPlanetRamsgate)

**A series of 4 exciting workshops**  
to tell you everything you need to know about **PLASTIC**

Workshops on the hour every hour 10am – 3pm (last workshop 3pm)

**FRIDAYS** – Prebooked school groups only

**SATURDAYS** – Open to ALL (no need to book!)

**FREE**  
Suitable for ages  
**8-108!**



12/13 Oct  
**Session 1**

**What's the problem?**  
Nayland Rock Promenade Shelter  
(opp Margate station)

19/20 Oct  
**Session 2**  
**What is a plastic?**  
Dreamland  
(Hall By The Sea)

2/3 Nov  
**Session 3**  
**Recycling**  
Dreamland  
(Hall By The Sea)

16/17 Nov  
**Session 4**  
**Plastic Progress**  
Dreamland  
(Hall By The Sea)

**MORE  
INFO**  
ON THE BACK

Generously  
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University of  
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**DISCOVERY PLANET**

**FREE**  
Suitable for ages  
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# PLASTIC Unwrapped

A series of 4

## WORKSHOPS

**12/13 Oct**  
**Session 1**  
Nayland Rock Promenade Shelter  
(Opp Margate station)

### WHAT'S THE PROBLEM?

This session will take a close look at the results from the 2017 Great British Beach Clean. What sort of rubbish was found and how much? We'll discuss where beach litter comes from, and why it is so bad for the environment. The Nayland Rock shelter is right next to the beach so we'll see what we can find, and learn how to contribute the Society's ongoing national survey.

**19/20 Oct**  
**Session 2**  
Dreamland  
(Hall By The Sea, Margate)

### WHAT IS A PLASTIC?

This session will look at what a plastic is on an atomic scale. Starting with a basic sorting activity of everyday items, participants will consider the different uses of plastic, including some unexpected ones. Through hands on activities we will investigate monomers, polymers and copolymers and how they determine the properties of plastics. We will also make one of the very first plastics ever used with some surprisingly ordinary ingredients!

**2/3 Nov**  
**Session 3**  
Dreamland  
(Hall By The Sea, Margate)

### RECYCLING

This session will focus on working scientifically to do the job of a recycling sorting plant. We will investigate the different properties of a range of plastics and develop a set of tests to identify unknown materials. We'll look at the lifecycle of a plastic bottle and consider how we might reduce or reuse plastic as well as recycling it.

In this session we will imagine plastic and look at the cutting-edge research being undertaken at the University of Kent to develop and other incredible innovations! You'll find out how important chemistry is and the role it has to play in the future of plastics. There'll be lots of experiments to take part in many questions and ask as you want!

**16/17 Nov**  
**Session 4**  
Dreamland  
(Hall By The Sea, Margate)

### PLASTIC PROGRESS

For more information please go to: [facebook.com/DISCOVERYPLANETRAMSGATE](https://facebook.com/DISCOVERYPLANETRAMSGATE)



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Thanet  
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Westgate Against Rubbish

