



# Educate and Empower Young People

TEACH SCHOOL CHILDREN ABOUT PLASTIC SO THEY UNDERSTAND THE PROBLEM AND WHAT THEY CAN DO ABOUT IT





# Welcome to the Education Resources

**Young people are powerful agents of change but are rarely provided with the knowledge and experience to address plastic pollution.**

Our Ocean Plastic Academy (OPA) education resources are Government-approved and curriculum-aligned. By sharing OPA with educators across Greece, they can equip their students with the knowledge, skills and confidence to lead a plastic waste revolution in their school and beyond.

Find out more about Ocean Plastics Academy by watching this short video: [\[add link\]](#)

“  
**It is my personal belief that [this] programme should be implemented in every single school on the planet,** no matter their location, as the problem of ocean plastics affects us all. We will be using this programme as the cornerstone of our environmental education.”

Matthew Williams,  
 Headteacher Byron College, Athens

# Contents

**This toolkit contains:**

**Introduction template.**

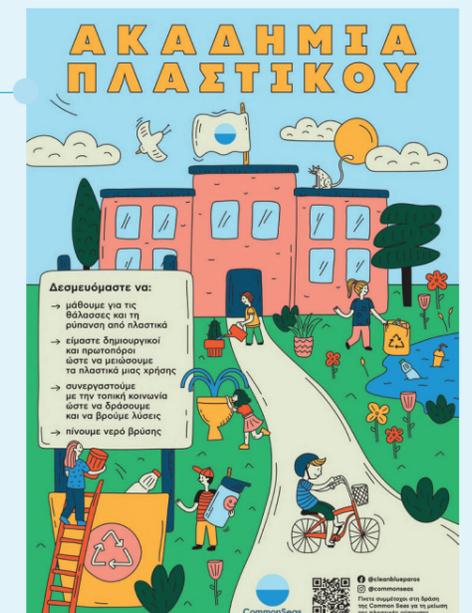
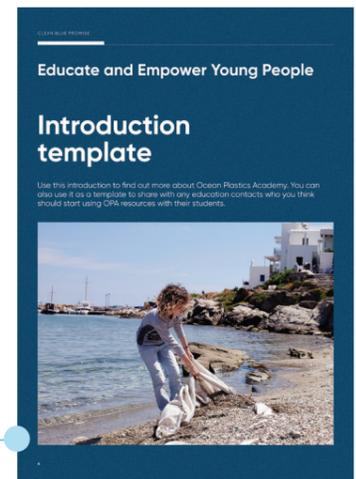
Use this to spread the word about Ocean Plastics Academy.

**Education resources.**

14 lessons for 5- to 14-year-olds, plus a teacher guidebook.

**A poster.**

An eye-catching poster to help get the word out.



## Educate and Empower Young People

# Introduction template

Use this introduction to find out more about Ocean Plastics Academy. You can also use it as a template to share with any education contacts who you think should start using OPA resources with their students.



## What is Ocean Plastics Academy?

**Ocean Plastics Academy (OPA) is a movement that empowers students, teachers and their communities to tackle the plastic pollution crisis.**

The more we understand this crisis, the better we will protect our environment, our economy and our health from the threat of plastic. And, as informed citizens, we can hold our leaders to account, or become leaders ourselves.

We used the UNESCO Learning Objectives for ocean literacy to create an appropriate set of learning opportunities. These learning objectives can be found in the OPA teacher workbook (GR).

In total, there are 14 resources. You can access them all here.

**The more we understand this crisis, the better we will protect our environment, our economy and our health from the threat of plastic.**



## Lessons for Ages 5-7

**Lesson 1:** What are plastics?

**Lesson 2:** Where are plastics?

**Lesson 3:** What impact can plastic have?

**Lesson 4:** What can I do?



Encounter Edu Common Seas Lesson 3: What impact can plastic have?

### How does plastic get into the ocean?

- Plastic rubbish can end up as litter which can be carried to the ocean by wind or rivers
- Plastic fishing equipment can be lost into the ocean from fishing boats
- Tiny pieces of plastic are washed down the sink and end up in rivers and the ocean

## Lessons for Ages 7-11

**Lesson 1:** What are plastics? Part 1

**Lesson 2:** What are plastics? Part 2

**Lesson 3:** Where are plastics? Part 1

**Lesson 4:** Where are plastics? Part 2

**Lesson 5:** What impact can plastic have? Part 1

**Lesson 6:** What impact can plastic have? Part 2

**Lesson 7:** What can I do? Part 1

**Lesson 8:** What can I do? Part 2

**Lesson 9:** Design and Technology – The problem of plastics

**Lesson 10:** Design and Technology – Plastic Solutions

**You can access all these resources [here](#).**



**Lesson 9:** Design and Technology – The problem of plastics



Encounter Edu

### Ocean Plastics

Design & Technology | Ages 11 - 14

Teacher Book

D&T Common Seas



# How do I use Ocean Plastics Academy?

**With off-the-shelf lesson plans, presentations and activities, Ocean Plastics Academy is designed to be used flexibly to suit the needs of each school.**

The resources complement curricular subjects such as science (biology, chemistry, and physics), geography, maths and technology. There are recommendations in the teacher book on each lesson's links to the Greek curriculum.

**OPA can also be used as part of environmental education or education for sustainable development projects you may plan with your students.**

Of course, you know your students better than anyone and may want to adapt and change the lessons to suit your needs. You will find a suite of supporting multimedia resources online; these are referenced throughout the lesson plans as well as the PowerPoint slides. You will need access to a digital projector or interactive whiteboard. Students with individual devices can also access the material without needing an account.



# Cross-curricular Subjects



**And More!**

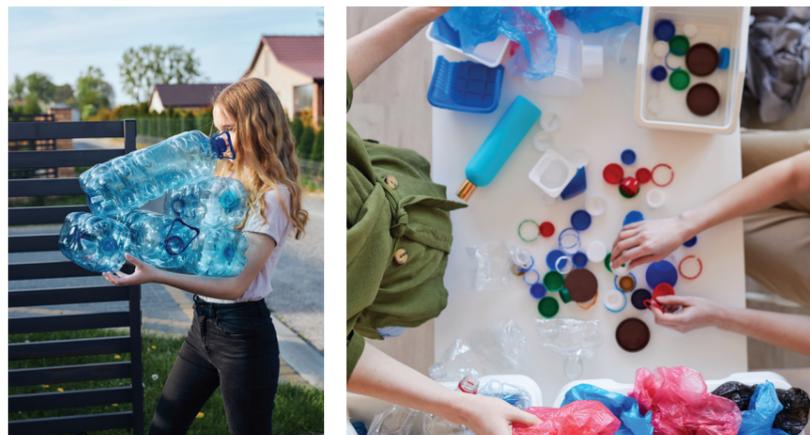
## What's in it for the students?

Through Ocean Plastics Academy young people will:

- Understand the plastic problem and develop the skills and agency to help solve it.
- Learn to measure and reduce plastic waste, and lead a change in their school and community.
- Connect with their community, spending time and sharing skills across generations.
- Learn about the waste hierarchy and develop solutions based on the 6Rs (3E+3A = ελαττώνω, επαναχρησιμοποιώ, επιδιορθώνω, ανακυκλώνω, αρνούμαι, αναθεωρώ).
- Learn about the circular economy and how they can be part of it.
- Develop 21st century skills, like critical thinking, creative problem-solving and systems thinking.

## Transform education inside and outside the classroom.

we want every child to understand the issue of marine plastic pollution and how they can be part of a plastic waste free future.



# ΑΚΑΔΗΜΙΑ ΠΛΑΣΤΙΚΟΥ

**Δεσμευόμαστε να:**

- μάθουμε για τις θάλασσες και τη ρύπανση από πλαστικά
- είμαστε δημιουργικοί και πρωτοπόροι ώστε να μειώσουμε τα πλαστικά μιας χρήσης
- συνεργαστούμε με την τοπική κοινωνία ώστε να δράσουμε και να βρούμε λύσεις
- πίνουμε νερό βρύσης

CommonSeas

@cleanblueparos  
@commonseas  
Γίνετε συμμετοχικοί στη δράση της Common Seas για τη μείωση της πλαστικής ρύπανσης.

CLEAN BLUE PROMISE

x *1 Promise*

EST. 2022



Thank you

