



OCEAN CONSERVATION CORE AGES 7–13

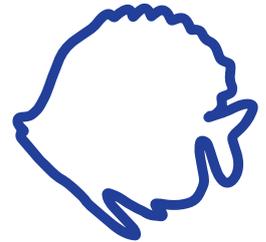
PROTECTING THE WORLD'S OCEANS

PRE- AND POST-VISIT LESSONS

YOUR EDUCATIONAL VISIT TO SEA LIFE...

Students will... develop a love for a natural world at SEA LIFE! Together, they will dive into a world of amazing discovery to learn about some of the wonders of the natural world, as we introduce them to some of our core sea creatures – from sharks and starfish, to sea turtles and seahorses! They will investigate the importance of protecting our oceans, raising awareness of their own relationships with the ocean and how their daily actions can positively or negatively affect the marine environment. Students should be inspired to make changes in their lifestyle and actively contribute towards solutions.

The objectives of these pre- and post-visit lessons include but are not limited to:



1. Develop an appreciation for the natural world around us.
2. Broaden knowledge of the marine environment and associated species.
3. Deepen understanding of students' relationships with the seas.
4. Appreciate the value of the marine environment and develop respect and empathy for its inhabitants.
5. Promote a positive view of science and scientists.
6. Have fun at the SEA LIFE Aquarium, be surprised by the variety of marine life and be inspired by the experience to take positive action in protecting the world's oceans.
7. Take steps to further understanding of the relationship between students' actions and the ocean.
8. Take action to reduce any negative impacts and increase positive impacts on the marine environment.



These lessons have been written for students aged 7–13 but could be differentiated for younger or older age ranges at the teacher's discretion.



PRE- AND POST-VISIT LESSONS

OBJECTIVES & OUTCOMES

This pack provides material for at least three, hour-long lessons; the first two should be delivered before visiting the SEA LIFE attraction, and the third should be delivered after visiting, to consolidate learning.

Pre-visit Lesson 1: Threats to our Oceans	Pre-visit Lesson 2: Finding My Passion	Post-visit Lesson: Sustainable Manifestos
<p>Objectives:</p> <ul style="list-style-type: none">• To identify the ways in which the ocean keeps us alive• To understand and describe the different threats to the ocean• To discuss human motivations behind their actions and their impact	<p>Objectives:</p> <ul style="list-style-type: none">• To identify which environmental issues students are most passionate about• To mind-map ideas around one environmental issue• To create a persuasive campaign poster to inspire others	<p>Objectives:</p> <ul style="list-style-type: none">• To creatively explore what the ocean means to students on a personal level• To understand why it is important to protect the ocean• To create a list of actions for reducing negative impacts on the marine environment
<p>Outcomes:</p> <ul style="list-style-type: none">• A discussion about how our oceans keep us alive• A list of threats to the ocean caused by humans• A list of human motivations and impact on the environment	<p>Outcomes:</p> <ul style="list-style-type: none">• A list of issues that students are most passionate about• A persuasive campaign poster• A table of further questions about sea creatures to bring to the SEA LIFE Aquarium	<p>Outcomes:</p> <ul style="list-style-type: none">• A poem and illustration entitled, 'What the Ocean Means to Me'• A list of daily actions to help protect the ocean• A 'Sustainable Manifesto' for the classroom





PRE-VISIT LESSON 1

THREATS TO OUR OCEANS

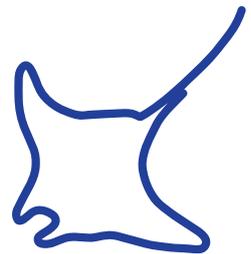
Lead-in questions:

- When did you last visit the ocean? Where did you go?
- What is your best experience with or memory of the ocean?
- What do you know about the ocean?

Task 1:

Did you know that our oceans keep us alive? In pairs, discuss the statements on the Ocean Facts Resource. Consider the following questions:

- Which statement is your favourite?
- Which statement do you think is most important?
- Which statement are you most surprised by?



Oceans have a big influence on weather and climate



Our oceans produce half of the oxygen we breathe



Oceans provide things that we use such as food, medicines and other materials (like the metals in our mobile phones)



Oceans improve our quality of life (well-being/ education/fun/arts and culture)





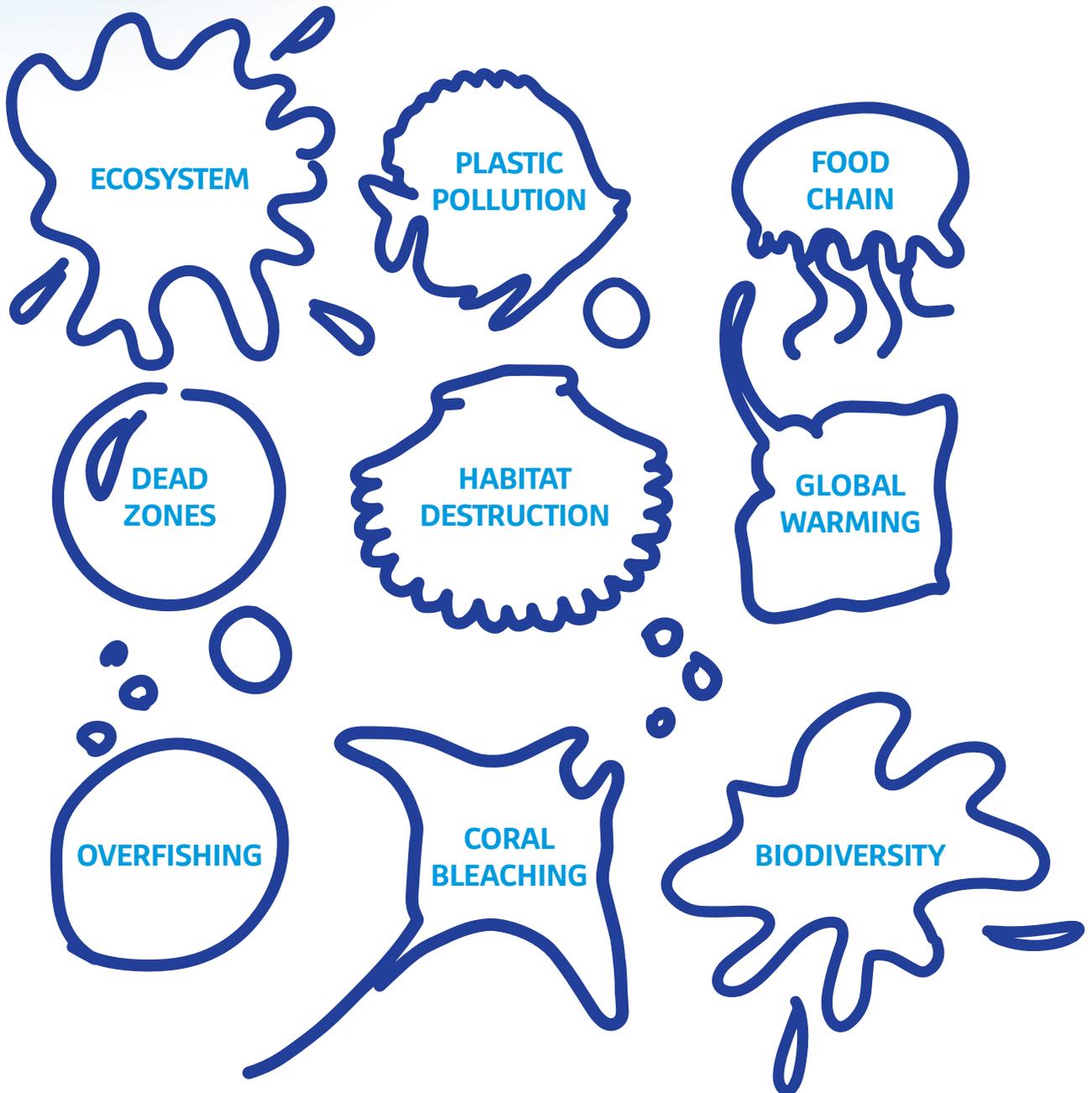
PRE-VISIT LESSON 1

THREATS TO OUR OCEANS

Task 2:

Look at the images on the Threats to the Ocean Resource. They represent the different threats that humans pose to the ocean. Can you identify what the threat is as well as the human motivation behind it? Use the Word Bank below to help prompt discussion with a partner:

Ocean Conservation Word Bank:





PRE-VISIT LESSON 1

THREATS TO OUR OCEANS RESOURCE

Children should identify:

- Overfishing
- Plastic Pollution
- Entanglement
- Coral Bleaching/Global Warming





PRE-VISIT LESSON 1

THREATS TO OUR OCEANS

Task 3:

Note down your ideas about threats to the ocean in the table below.

THREAT	HUMAN MOTIVATION	IMPACT
Overfishing		
Plastic Pollution		
Entanglement		
Coral Bleaching		
Global Warming		

Task 4:

Add any more threats you can think of to the table. Bring this with you on your visit to the SEA LIFE Aquarium. What further information can you find on your trip?





PRE-VISIT LESSON 2

FINDING MY PASSION

Lead-in questions:

- What threats to our oceans did you discover in the previous lesson?
- How do you feel about them?
- What issue are you most passionate about?

Task 1:

Match the following key words to their definitions - you might need them for your trip to the SEA LIFE Aquarium!

 <p>ECOSYSTEM</p> 	<p>BIODIVERSITY</p> 	 <p>DEAD ZONE</p> 	<p>FOOD CHAIN</p> 
<p>The variety of plant and animal life in the world or in a particular habitat.</p>  	<p>An area of the ocean in which there is a reduced level of oxygen in the water.</p> 	<p>A series of organisms each dependent on the next as a source of food.</p> 	<p>A biological community of interacting organisms and their physical environment.</p> 

Can you put these words into a sentence?



PRE-VISIT LESSON 2

FINDING MY PASSION

Task 2: RECAP!

You can see some of the threats to the oceans listed below.

All of these will be covered on your trip to the SEA LIFE Aquarium – but which are you most interested in or passionate about?

Rank the different issues according to how passionate you are about them.

- Overfishing
- Plastic Pollution
- Entanglement
- Coral Bleaching
- Global Warming



1.

2.

3.

4.

5.



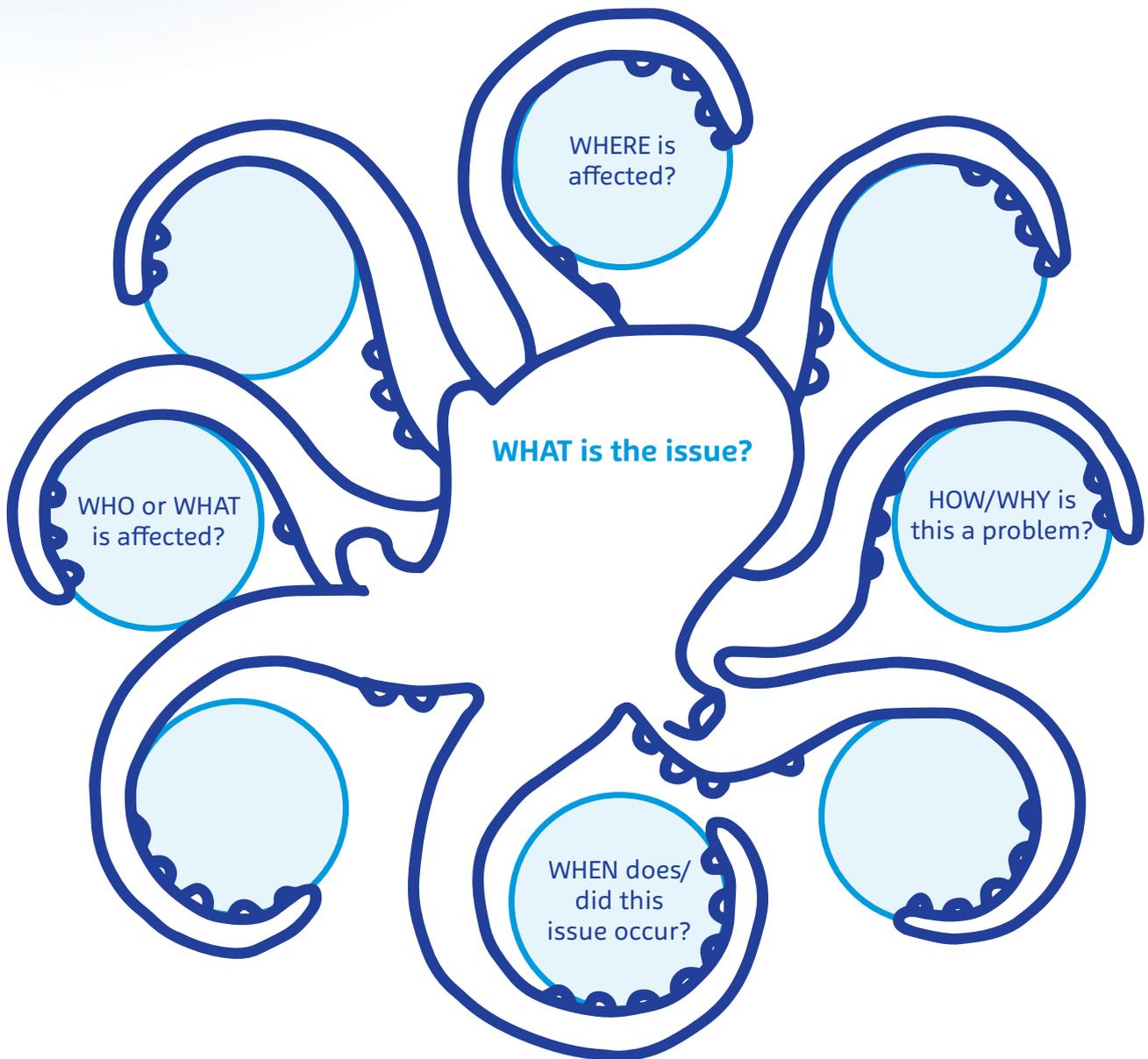
PRE-VISIT LESSON 2

FINDING MY PASSION

Development: What Am I Passionate About?

Choose one passion from the list and mind-map what you know about this topic. Make sure you include as much detail as possible, you might even want to use post-it notes and stick them to your wall or classroom display as a reminder.

My chosen passion is _____



Bring this with you on your visit to the SEA LIFE Aquarium. What further information can you find on your trip?



PRE-VISIT LESSON 2

FINDING MY PASSION

Task 3: Let's PROTECT!

Create an educational poster as part of your personal campaign to protect our oceans.

In order for your poster to have as much impact as possible, you need to make sure that you use lots of **persuasive devices**.

First, match up the devices below with their definitions, sticking them down together or writing them down on a large sheet of coloured paper.

Then, next to each one, give at least one example of that device that you could use in your poster to inspire others.

 FACT	 Listing three examples or descriptions for effect
ALLITERATION 	A question that doesn't require an answer 
 DIRECT ADDRESS	 The use of numbers or data
EMOTIVE LANGUAGE 	A personal belief or view 
 RHETORICAL QUESTION	 Using words that start with the same letter
OPINION 	A true statement that can be proven 
 RULE OF THREE/TRIPLET	 Words used to get a specific emotional reaction from the reader
STATISTIC 	Words such as 'you' and 'we' used to involve your audience 

Make sure that you make your poster bright and eye-catching, stick it somewhere where people can see it, and let them know about your **PASSION** for protecting our oceans!



PRE-VISIT LESSON 2

FINDING MY PASSION

Task 4:

Finally, to prepare for your visit to the SEA LIFE Aquarium, think of any questions that you have about the sea creatures that you are interested in. You will be able to ask the Aquarists and SEA LIFE staff members on your trip!



Which sea creatures do I know a little bit about?	What do I know about them? What threats do they face to their survival?	What questions do I have about these sea creatures?





Teacher Information

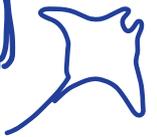
You are now ready to visit SEA LIFE

If you haven't booked your visit already, discover our educational benefits:



School rates from £6 per pupil

Two free pre-visit teacher tickets



Free supporting risk assessment

Free teacher ratio



Free supporting lesson activities and ideas



Start planning your school trip today...

www.visitsealife.com



POST-VISIT LESSON

SUSTAINABLE MANIFESTOS

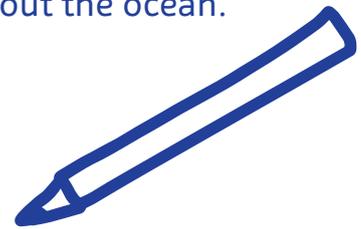
Recap questions:

Think back to your visit to SEA LIFE Aquarium. What did you learn about the ocean and the threats to the ocean?

How were you inspired to take steps to protect the ocean?

Task 1:

Consider the question: what does the ocean mean to you? Create a list of words that come into your head when you think about the ocean. Use inspiration from your visit to SEA LIFE.





POST-VISIT LESSON

SUSTAINABLE MANIFESTOS

Task 2:

Write a poem and a corresponding illustration to show what the ocean means to you. Consider how you can convey why the ocean should be protected.



A large rectangular box with a blue border and rounded corners, containing ten horizontal blue lines for writing. In the bottom right corner of the box, there is a line-art illustration of a globe on a stand next to a seashell.

A large rectangular box with a blue border and rounded corners, intended for drawing. In the bottom left corner of the box, there is a line-art illustration of a paint palette with a paintbrush resting on it.



POST-VISIT LESSON

SUSTAINABLE MANIFESTOS

Task 3:

Look at the seven ways below that you can help to protect the ocean. For each thing listed, write down an action that you can achieve in your daily life:

1. Avoid single-use plastics!
(e.g. water bottles, take-out packaging, straws, plastic bags)

ACTION _____

2. Reduce, reuse and recycle

ACTION _____

3. Eat sustainable fish and seafood (check the label!)

ACTION _____

4. Reduce your carbon footprint

ACTION _____

5. Be respectful of marine wildlife and habitats

ACTION _____

6. Volunteer at a local beach clean-up or fundraising event!

ACTION _____

7. Join an organisation that is committed to conserving the ocean and its creatures, for example the SEA LIFE Trust.

ACTION _____





POST-VISIT LESSON

SUSTAINABLE MANIFESTOS

Task 4:

Make a Sustainable Manifesto for your class. What can you do together to help protect the Ocean – even if you live far away from it?

Think about: what actions you want to prioritise and the impact these actions will have.

What challenges do you think you'll be met with as you try to create your own Sustainable Manifesto? Why? Why might it be hard to stick to some of the action points that you come up with?

ACTION	IMPACT	CHALLENGE





POST-VISIT LESSON

SUSTAINABLE MANIFESTOS

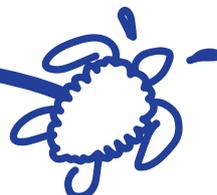
Once you've created your Sustainable Classroom Manifesto, make sure you reflect and keep a record of your progress. Keep a diary with your action points listed somewhere so that you can check them off.

How often do you meet the action points? Who is the most eco-conscious member of your class at the end of each week?

Task 4:

Finally, create a campaign with your classmates to persuade the rest of your school to follow your Manifesto to make your school a more eco-conscious place. You might want to create presentations, videos, banners or leaflets to help your campaign.

NOTES:





CONTINUE THE MAGIC OF LEARNING!

Discover these additional inspirational free lesson plans.



The London Skyline

A journey through the human and physical geography of London

Ages 7-13

Develop a greater understanding of London's geographical position and identify the impact of tourism...

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Landmark Detective Files

Pre-visit Lesson 2:
Create Your Own Attraction

Pre-Visit Lesson 3:
Changing Skylines

Download at:
londoneye.com/schools



Media & Fake News

An exploration of the media, fake news and celebrity culture

Ages 7-13

Stretch your pupils' English subject knowledge by delving deeper into the complex world of the media and develop their critical literacy skills...

Pre-visit Lesson 1:
Celebrity Culture And Bias

Pre-visit Lesson 2:
Lies And The Truth

Pre-Visit Lesson 3:
Using Media Responsibly

Download at:
madametussauds.com/education



CONTINUE THE MAGIC OF LEARNING!

Discover these additional inspirational free lesson plans.



Building Stories



Step into story construction

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Discover the tools behind creating a story, exploring how to plot events and to empathise with characters through drama and role-play.

Pre-visit Lesson 1:
Introducing Fairy Tales

Pre-visit Lesson 2:
Characters In Fairy Tales

Pre-Visit Lesson 3:
Magical Settings

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Script Writing & Performance

Meet some of London's most infamous characters

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Pre-visit Lesson 1:
A Horrible Cast of Characters

Pre-visit Lesson 2:
Frightening Scenes and Showdowns

Pre-Visit Lesson 3:
Stories From Inside The Dungeon

Download at:
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