

A GUIDE TO THE OCEAN ADVENTURES TEACHER'S RESOURCE



Primary Curriculum – Inspiring Young Minds
Gloria Barnett – Science Education Consultant
www.barnettauthor.co.uk



OCEAN ADVENTURES

Teacher Resource Guide

A Whole-School Ocean & Climate Programme | Years 1–6
Curriculum-Aligned | Low-Cost | High-Impact

Gloria Barnett – The Weird Fish Lady

www.barnettauthor.co.uk

Why Ocean Education Matters — Now

The ocean:

- Produces much of the oxygen we breathe
- Regulates our climate
- Drives the water cycle
- Absorbs carbon dioxide
- Supports extraordinary biodiversity

Without healthy oceans, life on Earth cannot thrive.

Yet many pupils leave primary school without a structured understanding of how oceans, climate and ecosystems connect.

With the introduction of GCSE Natural History, the question for primary schools is:

Will your pupils arrive in secondary education with six years of environmental knowledge behind them — or none?

What Is Ocean Adventures?

Ocean Adventures is a structured, progressive ocean and climate education programme for Years 1–6.

With just one Ocean Adventure Day (or half-day) **per term**, schools can deliver:

- Sequenced scientific knowledge
- Age-appropriate climate education
- Vocabulary-rich learning
- Cross-curricular literacy links
- Environmental responsibility and stewardship

Everything is prepared. Everything is structured. Everything is ready to teach.

Designed with Curriculum and Inspection in Mind

Curriculum Intent

- Clear progression from Year 1 to Year 6
- Knowledge-rich science and geography content
- Explicit environmental literacy development

Implementation

- Ready-to-deliver PowerPoints
- Narrated underwater videos
- Lesson booklets and activity sheets
- Vocabulary development and BIG Questions
- Assessment for Learning embedded

Impact

Pupils are able to:

- Explain the importance of oceans
- Understand food chains, habitats and biodiversity
- Articulate core climate change concepts
- Discuss sustainability with confidence

Personal Development & Cultural Capital

- Builds global awareness
- Encourages responsible citizenship
- Develops informed, articulate young advocates

Year-by-Year Progression

Each year group includes one Ocean Adventure Day per term — 18 structured sessions across Years 1–6.

Year 1 – What Lives in the Oceans?

Habitats, marine creatures, curiosity and storytelling.

Year 2 – Exploring the Oceans

Ocean exploration, species diversity and big questions.

Year 3 – The Importance of Water

The water cycle, Earth systems and why water matters.

Year 4 – Life in the Oceans

Ecosystems, biodiversity and environmental interdependence.

Year 5 – Food Chains, Adaptation & Habitats

Scientific reasoning, classification and ecological relationships.

Year 6 – Pollution & Climate Change

Human impact, sustainability and environmental responsibility.

Each year builds systematically on prior knowledge.

Each Ocean Adventure Day deepens understanding.

What Schools Receive

Each Year Group Pack includes:

- ✓ Structured lesson plans
- ✓ Ready-to-use PowerPoints and/or
- ✓ Original narrated videos
- ✓ Activity booklets and literacy tasks
- ✓ Vocabulary and enquiry focused
- ✓ National Curriculum links
- ✓ Assessment for Learning

Download once. Use every year.

Investment

Ocean Adventures is most powerful when implemented as a whole-school progression model from Year 1 to Year 6.

Full Years 1–6 School Pack Licence – £100

Single Year Group Licence – £25

One-off payment.

Reusable annually.

School-wide licence included.

Eighteen structured curriculum sessions for £100 represent exceptional whole-school value while ensuring pupils build knowledge systematically year after year.

Companion Books (Optional Enhancement)

Ocean Adventures is complemented by a curated collection of award-winning fiction and accessible non-fiction for ages 3–13+.

These books:

- Strengthen reading for pleasure
- Embed environmental themes through story
- Support science and geography knowledge
- Build empathy and curiosity

Available individually, in bulk, or as a discounted whole-school Teachers' Book Box (UK schools).

About the Author

Gloria Barnett is a Science Education Consultant, author and former Senior Science Leader with over 30 years' experience in education.

Drawing on long-term curriculum leadership and specialist expertise in ocean studies — alongside her work as an underwater filmmaker — she works with primary leaders to strengthen subject progression in environmental science, ensuring pupils develop secure, sequenced knowledge in preparation for future study, including GCSE Natural History.

Through books, films and teacher resources, she is on a mission to develop informed, environmentally literate young people — one Ocean Adventure at a time.

Why Schools Choose Ocean Adventures

Because sustainability matters.

Because meaningful curriculum design requires depth and progression.

Because environmental literacy should not be an “add-on.”

This is not an extra. It is a legacy.

Ready to Strengthen Your Environmental Curriculum?

Ocean Adventures is available for immediate whole-school implementation.

To purchase, request access, or explore the Teachers' Book Box, please visit:

www.barnettauthor.co.uk

Structured. Progressive. Ready to teach.