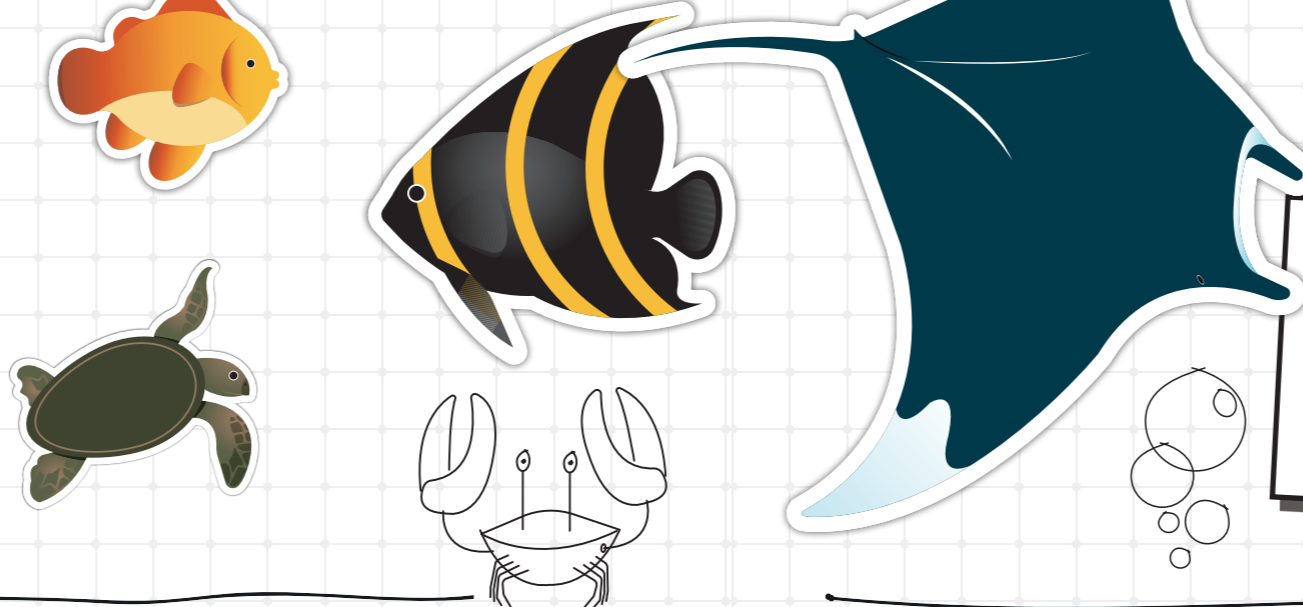


# GUIDE



We have purposefully created plans that are easy to differentiate, as we understand how important it is to ensure all types of learners are both supported and challenged whilst conducting these lessons. Check out some great strategies for differentiation in the classroom here:

[www.twinkl.co.uk/blog/strategies-for-differentiation-in-the-classroom-that-actually-work](http://www.twinkl.co.uk/blog/strategies-for-differentiation-in-the-classroom-that-actually-work)

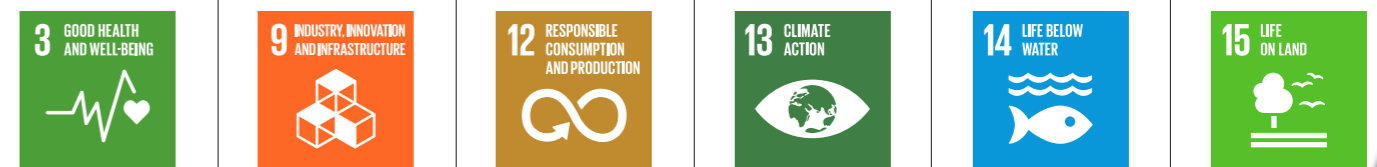
PAGE NUMBER	LESSON	AGE	MAIN SUBJECT LINK	OTHER SUBJECT LINKS
8	Noise Pollution Experiment	7-11	Science	Geography, Literacy, Maths
9	Nature Personification	7-11	Literacy	Science, Geography
10	Protected Area	7-11 / 11-14	Geography	Biology, Citizenship, Computing, Literacy
12	Nature's Harmony	7-11 / 11-14	Music	Computing, Biology, Geography, Literacy
13	Manta Ray Researcher	11-14	Biology	Geography, Computing, Maths, Literacy
14	Plastic Pollution Experiment	11-14	Biology	Citizenship, Geography, Literacy
16	Climate Change Scientist	11-14	Chemistry	Biology, Geography
18	Super-Adaptations Youtube Challenge	11-14	Biology/Computing	Art & Design, Design & Technology, Literacy, Geography, Chemistry
19	Racing Ocean Animals - Distance Speed Time	11-14	Physical Education/ Physics	Biology, Geography, Maths
20	Mythical Story	11-14	Literacy	Biology, History, Geography
21	Planet Ocean	11-14	Maths	Chemistry, Biology, Geography, Computing
22	Tragedy of the Commons	11-14	Maths	Biology, Geography
23	Marbling the Ocean	11-14	Art and Design	Biology, Chemistry, Geography
24	Art for Change	11-14	Art and Design	Design & Technology, Biology, Geography, Literacy, History
25	Planet-Friendly Feast	11-14	Design and Technology (Cooking)	Biology, Chemistry, Geography, Citizenship, Literacy, Art & Design, Computing
26	Nature Vocabulary	11-14	Modern Foreign Languages	Biology, Geography, Literacy
27	Ocean Mindfulness	11-14	Citizenship and Social Studies	Biology, Computing, Literacy

UN SUSTAINABLE DEVELOPMENT GOALS MET	OCEAN LITERACY PRINCIPLES MET	THEMES
14	1,5,6	Interdependence, working scientifically, nature connection, ocean biodiversity, pollution
14,15	5,6	Ocean biodiversity, human impacts, nature connection
12,14	5,6	Human impacts, becoming changemakers, working scientifically
14,15	5,6	Nature connection, becoming changemakers
14	5,6,7	Ocean biodiversity, working scientifically, human impacts
12,14	4,5,6	Food chain, interdependence, pollution, becoming changemakers
12,13,14	1,3,4,6	Climate change, working scientifically, becoming changemakers
13,14	5,6,7	Adaptations, climate change, pollution; ocean resources, nature connection
14	5	Food chain; ocean biodiversity, working scientifically, nature connection
12,14	5,6,7	Ocean biodiversity, nature connection, human impacts, becoming changemakers
14	1,5,6,7	Working scientifically, ocean resources
12,14	5,6	Ocean resources, food chain, interdependence, working scientifically, human impacts
14	1,5,6,7	Ocean biodiversity, adaptations
9,12,14	5,6	Becoming changemakers, human impacts, pollution, nature connection
3,12,13,14,15	6	Ocean resources, climate change, human impacts, becoming changemakers
14	5,6	Ocean biodiversity, food chain
3,14	1,4,6	Nature connection

## OCEAN LITERACY PRINCIPLES

- The Earth has one big ocean with many features
- The ocean & life in the ocean shape the features of the Earth
- The ocean is a major influence on weather & climate
- The ocean makes the Earth habitable
- The ocean supports a great diversity of life and ecosystems
- The ocean & humans are inextricably interconnected
- The ocean is largely unexplored

## FEATURED UN SUSTAINABLE DEVELOPMENT GOALS



Manta Trust support the Sustainable Development Goals

Download all the resources you will need for each plan here: [education.mantatrust.org](http://education.mantatrust.org)