

UNDERWATER FORESTS

Which plants grow under the water?
What lives in underwater forests? Find out all about
seaweed, phytoplankton and mangrove trees.

Do You Know? is a series of levelled non-fiction books featuring video content, project work and critical-thinking activities to motivate and engage young learners. Covering a range of STEM topics from nocturnal animals to climate change, *Do You Know?* takes an enquiry-based approach, developing children's language, communication and investigation skills.

Level 1 Pre-A1 • 400 headwords

Level 2 A1 • 600 headwords

Level 3 A1+ • 800 headwords

Level 4 A2 • 1100 headwords

Lexile measure 490L • Word count 276

Cambridge Primary Science curriculum link:
Living things in their environment; plants

U.K. £4.99 CAN. \$10.95

ISBN 978-0-241-35581-7



www.ladybirdeducation.co.uk



Available online:



DO YOU KNOW?

UNDERWATER FORESTS

3



DO YOU KNOW?



UNDERWATER FORESTS

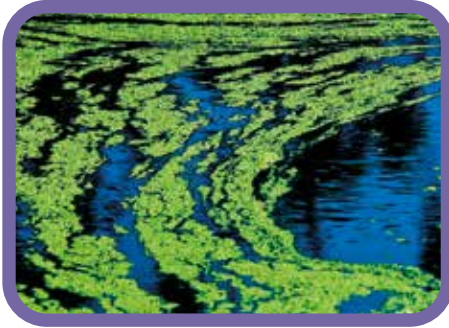
With video
content from
BBC Earth

Level 3

Contents

New words	4
What grows under the water?	6
Why are underwater forests important?	8
What eats phytoplankton?	12
What are kelp forests?	14
Why are sea urchins bad for kelp forests?	16
What is seagrass?	18
Why are sharks good for seagrass?	20
How are kelp and seagrass different?	22
What are mangrove forests?	24
How do seadragons live in underwater forests?	26
What other animals live in underwater forests?	28
Quiz	30

New words



algae



forest



rock



root



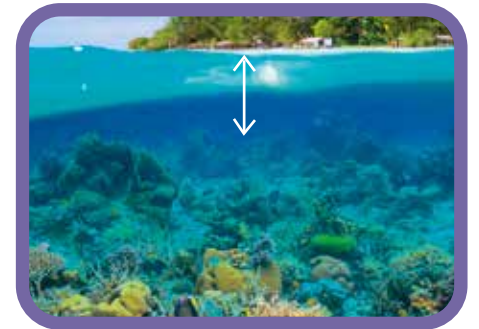
grass



land
(noun)



seaweed



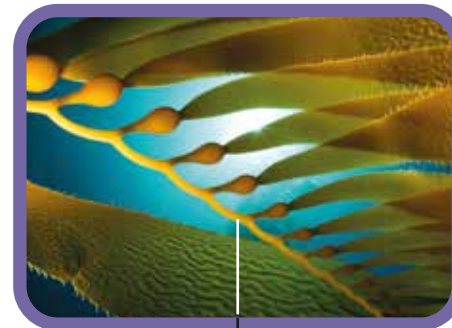
shallow



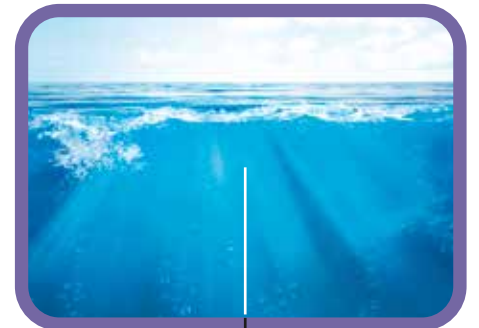
leaf
(leaves)



oxygen



stem



underwater

What grows under the water?



Plants grow in many places. There are flowers in a garden and trees in a forest.

Some plants grow under the water. We call them **underwater plants**. There are more plants in the sea than on the land.



Kelp is a kind of **algae**. Some underwater kelp forests are very tall.



There are many phytoplankton in the sea. Phytoplankton are very, very small plants.

Seagrass grows on the sea floor.



THINK!

Do you know any plants that grow under the water?

Why are underwater forests important?

Underwater forests are important for animals and people. The plants and algae can be food or homes for animals.

Many small animals eat underwater plants and algae. These small animals are food for bigger animals.

Green sea turtles eat seagrass.

People need underwater plants and algae, too. Some people eat kelp.



People make shoes and furniture from seagrass. Seagrass is also put on fields to help people grow food.



LOOK!

Look at the pages.
Why is seagrass useful?

Plants use the sun to make food.

They make **oxygen**, too, which all animals need to live.

Small phytoplankton in the sea make a lot of oxygen.



This cuttlefish is looking for other cuttlefish in the **seaweed**.



This octopus is looking for crabs to eat in a kelp forest.



Small fish are safe from bigger fish in the **roots** of mangrove trees.



WATCH!

Watch the video (see page 32).

How does the kelp forest help the octopus to hide?
How does the octopus catch the crab?