

# Challenge cards

## KS3 Making Waves



Cut up the cards and pick one to get started.

What does this make you think about? What problem do you need to solve? What invention can you come up with? You can also make up your own ocean challenge!

Invent a way to  
reduce noise pollution from drilling  
underwater

Invent a new  
type of biodegradable packaging



Invent a way to  
make boats sound quieter  
underwater

MAKE UP YOUR OWN  
CHALLENGE!

Invent a way to  
clean up oil spills

Invent something  
that re-uses old fishing nets



Invent a way to

stop sharks and turtles getting trapped in fishing nets

Invent a new

way to travel across water that doesn't use fuel or electricity

Invent something

that protects an ocean habitat from pollution

Invent a way to

protect corals from getting too warm and dying

Invent a way to

prevent plastic entering the ocean

Invent a new

way of exploring the deep ocean

Invent something

inspired by the scales of a fish

Invent a way to

throw away less plastic



Invent a way to  
way to explore and monitor  
coral reefs

Invent a new  
way of packaging food or drink that  
doesn't use plastic

Invent something  
that re-uses recycled plastic from  
the ocean

Invent a way to  
protect sea creatures from oil spills

Invent a way to  
communicate with sea creatures

Invent a new  
use for seaweed

Invent a way  
to explore and protect kelp forests

Invent something  
that masks the sound of drilling  
underwater

