



In partnership with



Build THE Change

Stories of Change Tackling Water Pollution

supported by The LEGO Foundation



[Printable speaker's notes](#)

Our Topic



Human Impact Tackling Water Pollution

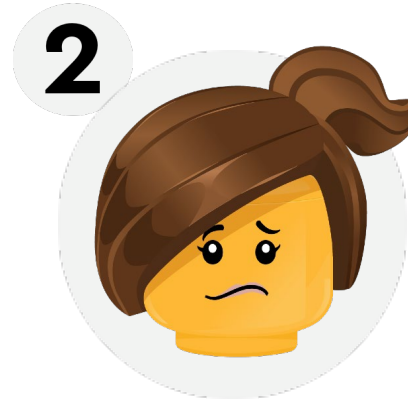


Poll

 [Link to online poll](#)



Definitely not.



Not sure.



Yes, for sure!

Do you think humans do enough to protect our planet's water environments — rivers, seas, ponds, and oceans?

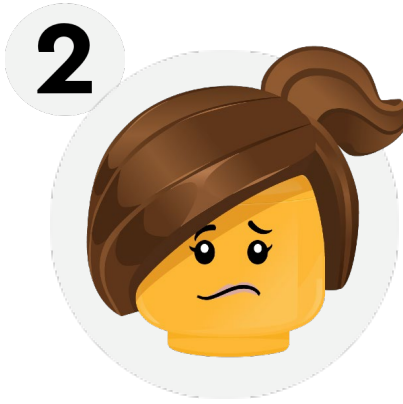


Poll

 [Link to online poll](#)



No, I wouldn't know where to start.



Not sure.



Yes, for sure!

Do you feel you can help rivers, seas, ponds and oceans?



Awesome Words



**Single-use
Plastic**



Pollution



Industrial



Beaks

from the Natural History Museum





Warm-up: Water Pollution





VIDEO: Stories of Change Tackling Water Pollution



Case Study

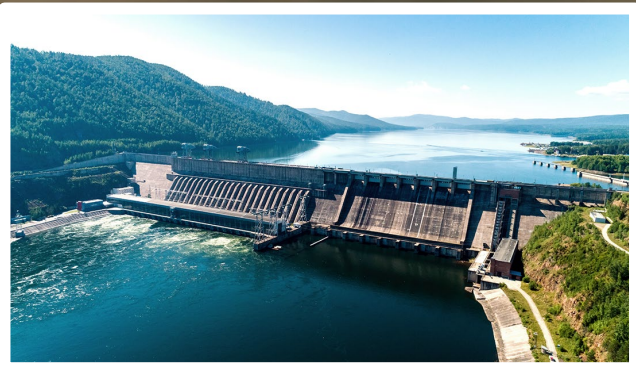
Andean Flamingo Challenges





Case Study

Andean Flamingo Solutions



Case Study

Scaly-sided Merganser Challenges



Case Study

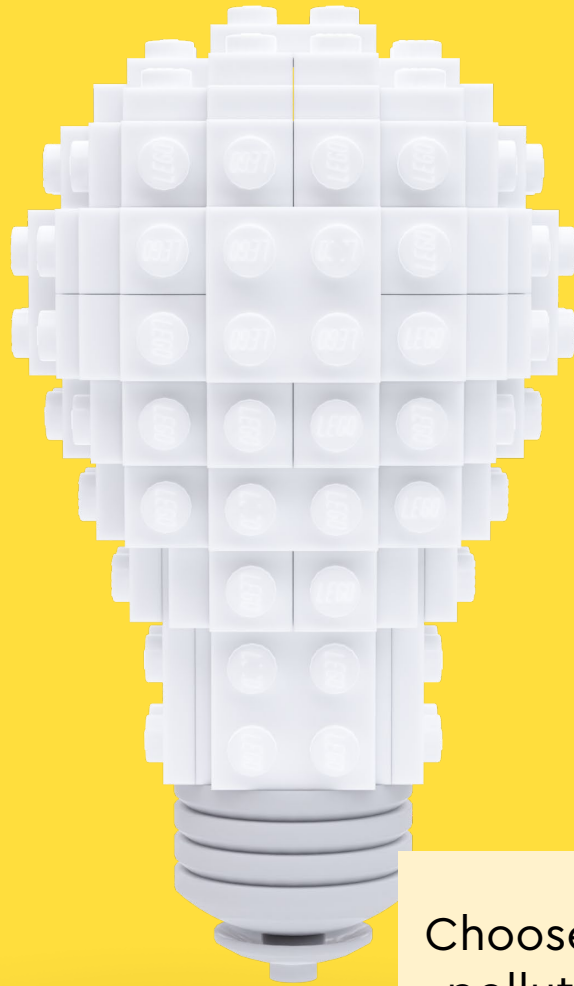
Scaly-sided Merganser Solutions



Time to reflect

...on the case studies





Time to create...

Choose one type of pollution: plastic, oil or agricultural

Something that can remove pollution from water

Something that stops pollution getting into the water

Choose one area of water: pond, river or ocean



**Time's
up!**



Time to share

What did you create?





Time to Quiz

Quiz question 1

Why do penguins have two layers of feathers?

- A** They are fashion icons.
- B** They change color at night.
- C** The layers keep them warm and dry.
- D** The second layer protects them if the first layer falls out.



Quiz question 2

Which of these are big problems for water birds?

- A** Oil spills.
- B** Single-use plastic ending up in rivers, lakes, and the ocean.
- C** Chemicals being released into rivers.
- D** All of these.



Quiz question 3

Why is it important to teach people about endangered species?

- A** It might help them to care more about nature and want to help protect them.
- B** It will give them vacation ideas.
- C** It's useful information for trivia contests.
- D** Just to let them know.





Over to You

What can you
do to help?

1. Help teach others why we need to help endangered species.
2. Write to your local town hall and ask what they are doing to protect local waterways.
3. If you have ponds, lakes or a river near you, ask a teacher or parent to help you check on it.



From the Planet Earth and
everyone at the LEGO
Group and the Natural
History Museum, thank you
for building the change

**See you next
time!**



Hey, Educators!

Upload your kids' awesome ideas!

Don't forget to send photos and descriptions of your class's creations to our galleries on LEGO.com!

Scan the QR code with a phone camera to get started.



Time to create...
...something to protect
birds from water pollution.



<http://www.LEGO.com/sustainability/buildthechange/challenges/hi-challenge-2b/upload?CMP=EMC-LCE>