



ANSWER KEY

RISING SEA LEVELS

Scan the different pictures to find answers to the clues! Some of the interactives have links to further information to help you.



ACROSS

2. Sea level rising could cause dangerous _____.
6. A stream from Mexico which heats up England
7. This will account for 60% of sea level rise
9. A country that could be affected by global warming
10. An example of a greenhouse gas

DOWN

1. A place where glaciers and ice sheets are melting
3. Methane is an example of this
4. Where the majority of the warmth goes
5. An example of an animal being affected by greenhouse effects
8. A way we could help reduce global warming





Water Quality

Scan the poster and answer the following questions

- ① What chemical is used to disinfect water?

chlorine

- ② What charge do the impurities become during coagulation?

Positive

- ③ What is the risk with water in a water tank?

Risk of bacteria forming

- ④ Name one of the four types of filtration?

Ultrafiltration, Microfiltration, Nanofiltration and reverse osmosis

- ⑤ What substance is added to water during flocculation?

Polymer

- ⑥ What is the name of the natural purification step that happens in reservoirs?

Sedimentation

- ⑦ Scan the image and turn your room into a water purification site.



Microplastics-Answers

The ship had to stop off at a top-secret location to visit our Marine Pollution team. Scan the QR code for a 360 tour of the labs and find the two clues.

- ① Clue number 1 has a bright-coloured top on it, what is the object?

Boat

- ② Clue number 2 gives you the name of a common organism which lives on the shore in the UK.

Crab

- ③ What is the name of the secret location? Visit the website with the QR code on the right, the password is a combination of the two clue words.



The Institute of Marine Science, Portsmouth

- ④ Describe the different places that Laura works in her role.

Fieldwork, scuba diving, science laboratory and even Indonesia.

- ⑤ What is the specific type of pollution from plastics that Bidemi studies the impact of.

Chemical Pollution

- ⑥ What happens to microplastics from the samples that Stephanie and her team find?

They are sent to be identified and recorded by another team in the university.

- ⑦ Scan the crab to find out why we must reduce our plastic pollution in the marine ecosystem. What action can you take?

**Planting seagrasses, beach cleans,
reducing our use of plastics.**

