

Age 12+

Duration

60
mins

Location

OUTDOORS

WATER QUALITY SURVEY

DID YOU KNOW?

'Anthropogenic' pollution means environmental pollution caused by humans. When water quality deteriorates through chemical, urban or agricultural pollution it can have a detrimental effect on living things, and that includes our health!

TASK: To look around a local harbour or waterfront and identify the different potential sources of pollution that could affect local water quality.

RESOURCES: Water Quality Survey Worksheet | Pencils.

INSTRUCTIONS

1. Provide each participant with a worksheet.
2. Ask participants to observe their local surroundings to identify potential sources of water pollution and write down their observations on the worksheet.
3. Re-group and discuss findings. Ask participants these questions to prompt discussion on their observations.

PROMPTS IF STUCK FOR IDEAS

- a) What types and potential sources of pollution did you identify?
- b) What was the most common source or type of pollution?
- c) How could the different types of pollution affect water quality?
- d) How could the pollution harm wildlife?
- e) How could the pollution affect boat users?
- f) How could the pollution affect other water users, for example swimmers and visitors to the coast?
- g) What can be done to reduce or prevent the pollution for each type identified?