

Water pathogens

TASK

Water contamination: types, sources and health impacts

- 1) Explain the term pathogen
- 2) Describe the different types of pathogens
- 3) Describe threats to water quality other than pathogens
- 4) Describe which pathogens can be found in drinking water
- 5) Explain why *Cryptosporidium* is found in water and how it is removed
- 6) Explain why *Giardia* is found in water and how it is removed
- 7) Explain how pathogenic contamination of drinking water supplies can be controlled (reducing the risks of infection)
- 8) Identify the indicator bacteria and assess the significance of them on water quality
- 9) Describe how turbidity levels impact on the treatment process of water supplies
- 10) Describe how pH levels impact on the treatment process of water supplies