

# TOPIC 8.14

## Pollution and Human Health

**SUGGESTED SKILL**

 *Scientific Experiments*

**4.C**

Describe an aspect of a research method, design, and/or measure used.



### Required Course Content

#### ENDURING UNDERSTANDING

**EIN-3**

Pollutants can have both direct and indirect impacts on the health of organisms, including humans.

#### LEARNING OBJECTIVE

**EIN-3.C**

Identify sources of human health issues that are linked to pollution.

#### ESSENTIAL KNOWLEDGE

**EIN-3.C.1**

It can be difficult to establish a cause and effect between pollutants and human health issues because humans experience exposure to a variety of chemicals and pollutants.

**EIN-3.C.2**

Dysentery is caused by untreated sewage in streams and rivers.

**EIN-3.C.3**

Mesothelioma is a type of cancer caused mainly by exposure to asbestos.

**EIN-3.C.4**

Respiratory problems and overall lung function can be impacted by elevated levels of tropospheric ozone.

**AVAILABLE RESOURCES**

- Classroom Resource > [AP Environmental Science Teacher's Guide](#)
- External Resource > [Environmental Literacy Council's AP Environmental Science Course Material](#)
- The Exam > Chief Reader Report (2018, Q4, 2017, Q1)
- The Exam > Samples and Commentary (2018, Q4, 2017, Q1)
- Classroom Resource > [Quantitative Skills in the AP Sciences \(2018\)](#)