FIELD STUDY

# Reading room ventilation study

A two-week comparison across three study spaces

## Study question

Does opening the high windows between sessions reduce carbon dioxide in regularly occupied reading rooms?

## Sampling protocol

Three monitors recorded one observation every five minutes. Room names refer to locations in this example only.

The team measured the first 30 minutes after opening and compared those readings with the previous session.

## Observed results

The North room had the largest drop. The East room changed little during the morning session.

## Interpretation

Read the instrument notes alongside the summary. Room occupancy can change faster than the logging interval.

Confirm the original units and column headings on the next page before copying the table into a report.

# Comparison by room

Median CO2 in parts per million, rounded to whole numbers

| Room | Morning | | Afternoon | |
|---|---|---|---|---|
| | Before | After | Before | After |
| North | 982 | 683 | 910 | 705 |
| East | 761 | 744 | 828 | 790 |
| South | 896 | 702 | 944 | 748 |

## Calibration note

The instruments were checked against one reference monitor before the first sampling session. The figures are fictional and exist to make layout and data checks repeatable.