

Quiz – Measuring particles in the air

The correct answers are on the next page.

1. Approximately how many air quality monitoring stations are there in the world?
 - a. Hundreds
 - b. Thousands
 - c. Millions
 - d. Billions

2. Where are most air quality monitoring stations located?
 - a. In the ocean
 - b. On farms
 - c. In towns & cities
 - d. In outer space

3. How often does a monitoring station usually report air quality measurements?
 - a. Every 5 seconds
 - b. Every 5 minutes
 - c. Once an hour
 - d. Once a day

4. What happens to particles in the air when they enter a monitoring station?
 - a. Nothing
 - b. They have a dance party
 - c. They are blown out the bottom
 - d. They are trapped on special filter paper

5. The more polluted the air is the _____ the spot on the paper in a monitoring station.
 - a. Darker
 - b. Lighter
 - c. Greener
 - d. Pinker

6. Why is it important to monitor air quality?
 - a. So we can see how polluted the air was one day compared with another
 - b. To meet government regulations on air quality
 - c. Poor air quality can be bad for our health
 - d. All of the above

7. In New Zealand, when is air quality usually at its worst?
 - a. Summer afternoons
 - b. On Mondays
 - c. Winter evenings
 - d. When it is windy

8. What is the name of the website where you can see air quality measurements in New Zealand?
- a. WAWA
 - b. LAWA
 - c. MAWA
 - d. NIWA

Correct answers

- 1. b - Thousands
- 2. c - In towns & cities
- 3. c - Once an hour
- 4. d - They are trapped on special filter paper
- 5. a - Darker
- 6. d - All of the above
- 7. c - Winter evenings
- 8. b - LAWA