

# Crossword Puzzle

- Words**
- air pollution
  - air quality
  - air quality advisory
  - AQI
  - asthma
  - asthma trigger
  - biomonitoring
  - clean air act
  - milkweed
  - oxygen
  - ozone
  - particle pollution
  - pollution
  - powerplant
  - stipple
  - VOC



The crossword puzzle grid consists of white squares for letters and black squares for empty space. The numbered starting points are:

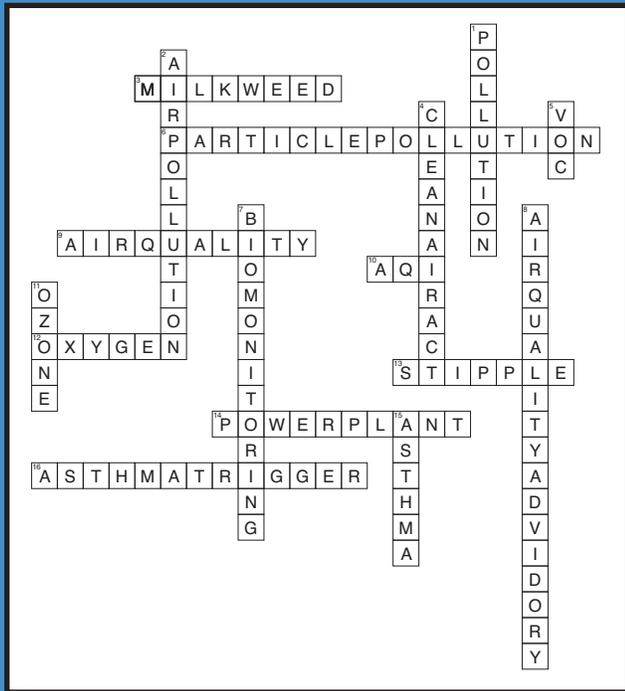
- 1: Down, top right.
- 2: Down, top center.
- 3: Across, top left.
- 4: Down, middle right.
- 5: Down, middle right.
- 6: Across, middle left.
- 7: Down, middle center.
- 8: Down, middle right.
- 9: Across, middle left.
- 10: Across, middle right.
- 11: Down, bottom left.
- 12: Across, bottom left.
- 13: Across, bottom middle.
- 14: Across, bottom middle.
- 15: Down, bottom middle.
- 16: Across, bottom left.

**Across**

- 3 This plant can show us if ozone levels are high
- 6 Teeny tiny things, too small for us to see, that float around in the air – can be made up of dust, pollen or droplets
- 9 When this is good we breathe easily
- 10 Three-letter name for the color-coded scale that tells us about the quality of the air
- 12 This is a gas we all need to live – we breathe it in all day and all night
- 13 A small dark polka-dot on the upper side of a milkweed leaf from air pollution
- 14 Type of building where most of our energy comes from
- 16 For example: pet fur and feathers, cold air, exercise, or air pollution

**Down**

- 1 Anything in our environment that should not be there and makes the land, air, and water dirty
- 2 Even if we cannot see it, this can be floating around in our air making it dirty
- 4 Our government passed this in 1970 to help keep the air clean
- 5 Three letters that stand for a chemical that can smell really funny – in markers, paint, or nail polish remover
- 7 Using plants and animals to see if there is pollution in our environment
- 8 A warning system used to tell people when air pollution is high
- 11 This forms when VOCs and NOx bake in the sun and summer heat
- 15 A disease that makes it hard for some people to breathe and can be triggered by high levels of air pollution



### Air Quality Index

Air Quality Index Values	Levels of Health Concern	Colors
<i>When the AQI is in this range:</i>	<i>... air quality is:</i>	<i>... as shown by this color:</i>
<b>0 to 50</b>	<b>Good</b>	<b>Green</b>
<b>51 to 100</b>	<b>Moderate</b>	<b>Yellow</b>
<b>101 to 150</b>	<b>Unhealthy for Sensitive Groups</b>	<b>Orange</b>
<b>151 to 200</b>	<b>Unhealthy</b>	<b>Red</b>