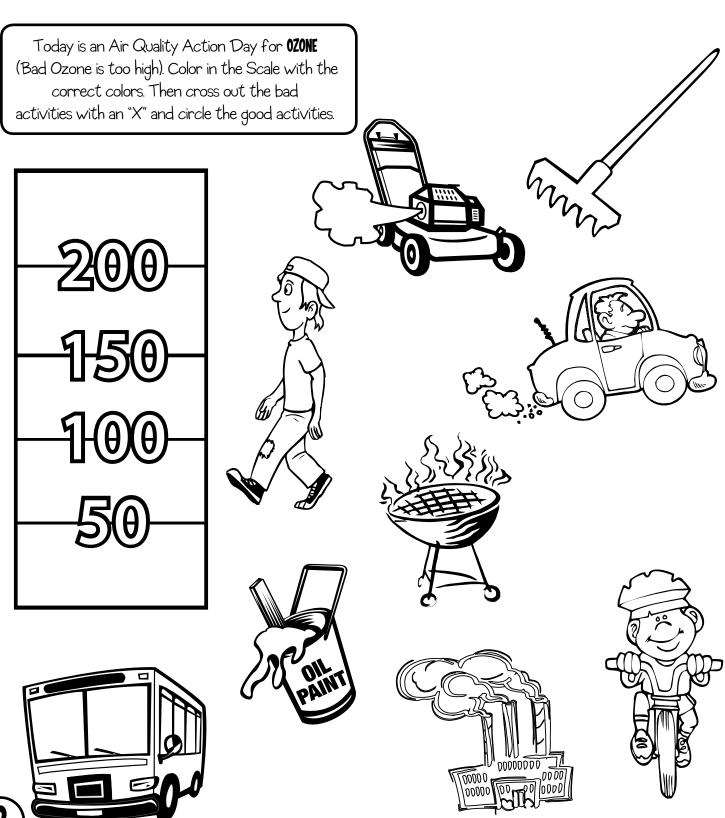
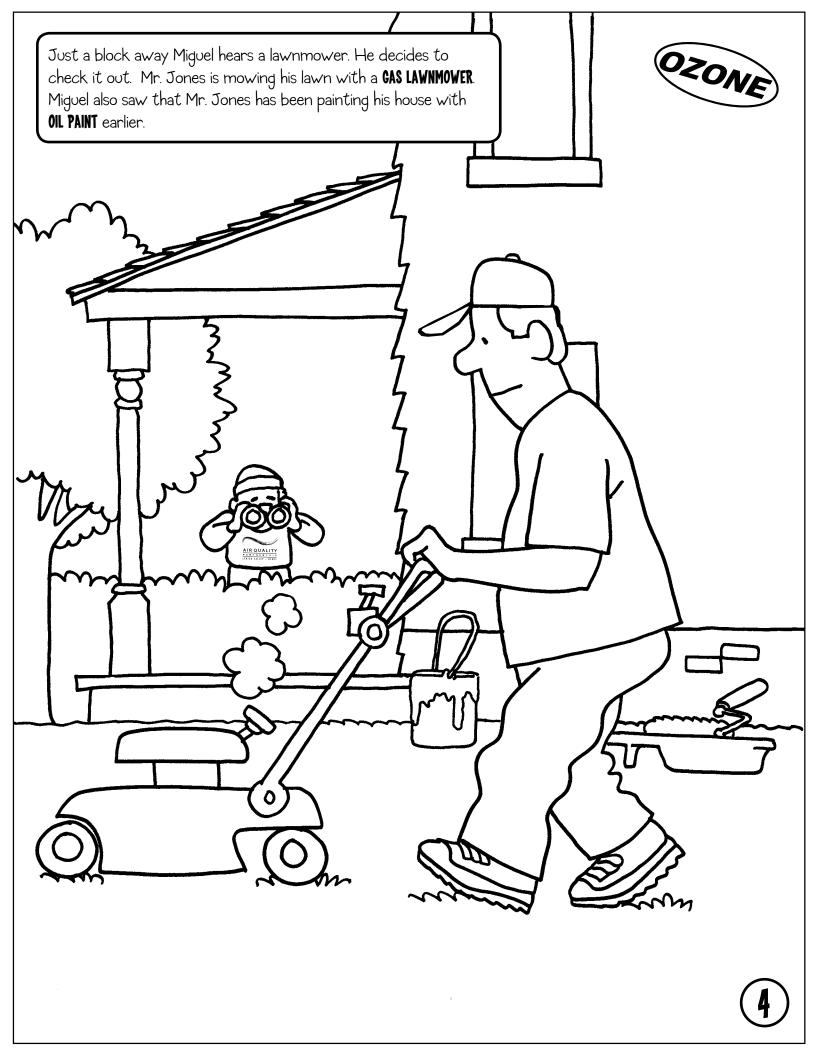


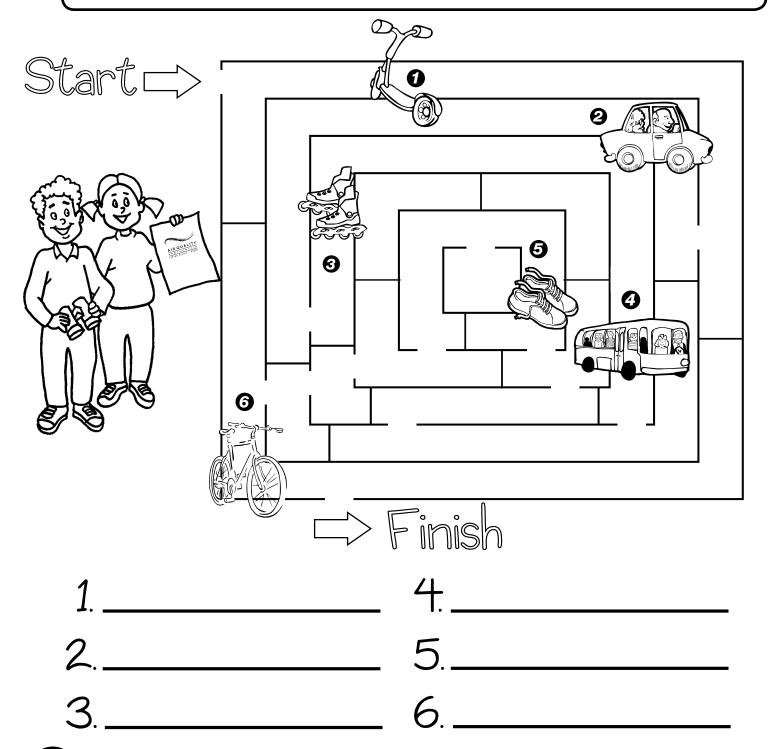
Discover Good and Bad Activities for an Air Quality Action Day

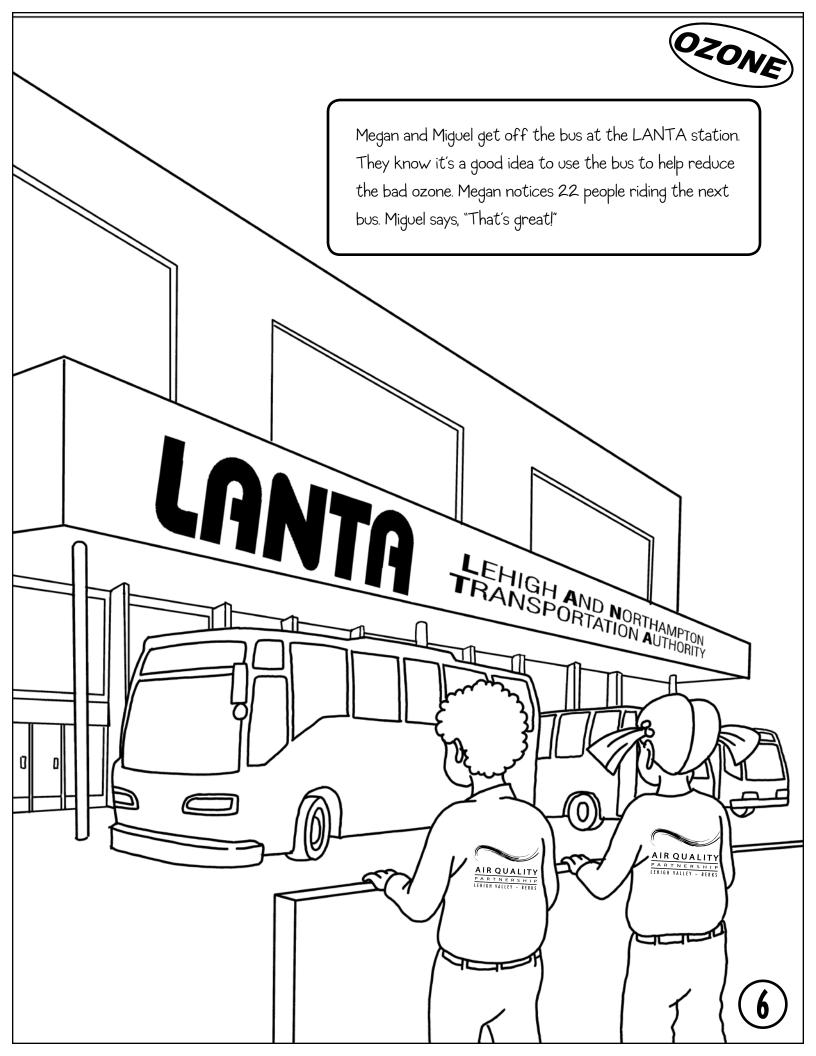


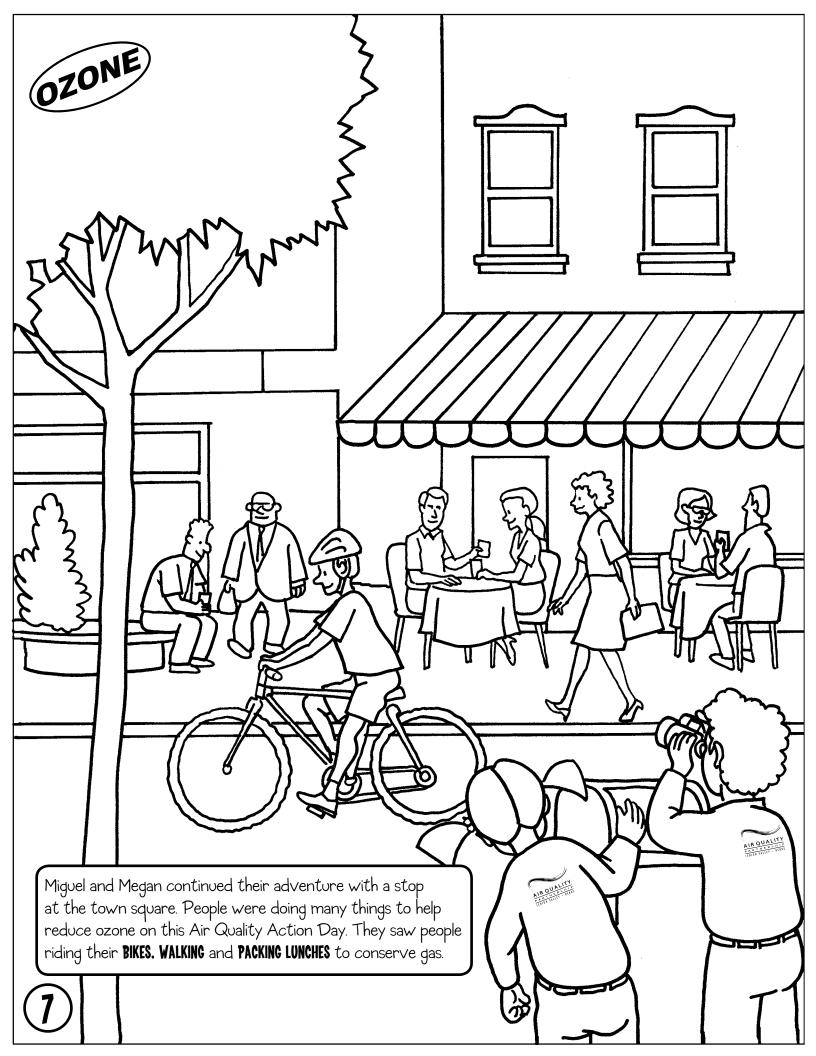


Maze Game

Help Miguel and Megan get around town so that they can spot more good and bad activities. Be sure to use transportation that reduces the amount of bad ozone. List the forms of transportation below with their corresponding number.

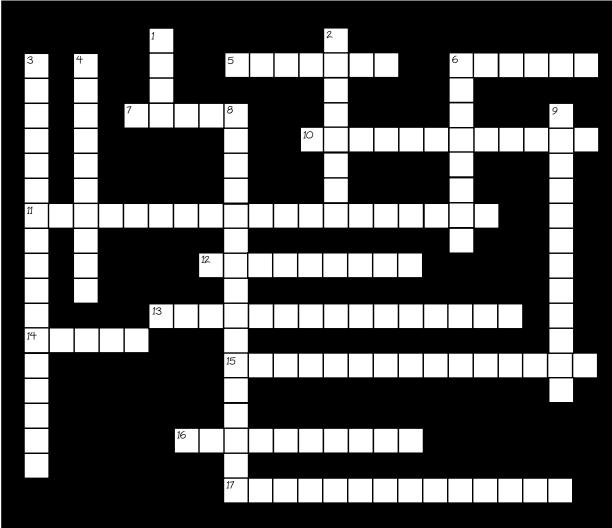






Crossword Puzzle OZONE





Across

- How to get somewhere without driving. Not running.
- The season when ozone is the highest.
- When you tell people how to protect air quality. What teachers do.
- 10 Burns fuel to cut grass. (Available in electric models)
- The name of a day when ozone levels or particle pollution exceeds health standards.
- 12 Word that describes a substance discharged into the air, especially by an engine.
- 13 The name for something that replaces gasoline.
- 14 There are two kinds of this. Stratospheric and Ground-Level.
- AQI 15
- 16 When people share a ride.
- Phrase that encourages people not to overfill their gas tanks.

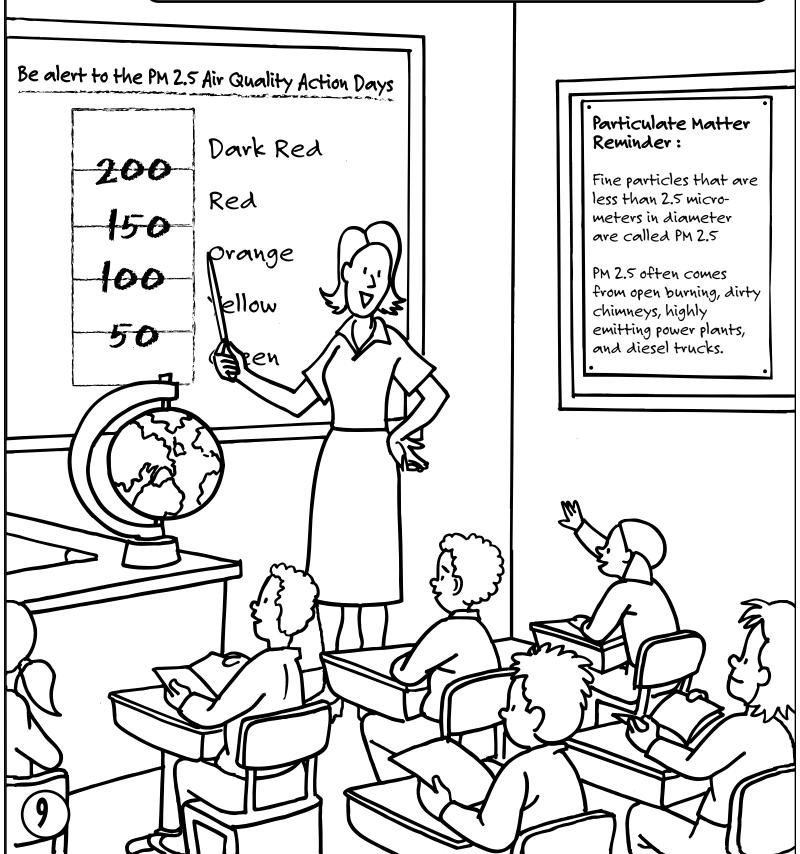
Down

- 1 A mode of transportation with two wheels.
- 2 Applied with a brush. (Latex version is better for the air).
- 3 Another name for "running" cars (or trucks) that aren't moving.
- 4 Something you can do to help clean the air. It involves digging a hole. They grow tall.
- 6 The type of day when Ozone is a concern. The opposite of a cloudy day?
- 8 Another reason ozone is a concern. The opposite of low temperatures.
- 9 The name of the area we live in.





School is back in session for the Fall. Mrs. Cleanair is Miguel and Megan's new teacher. She is talking to the class about **PARTICULATE MATTER** (PM 2.5). This Fall they will be armed with all the information they need to be PM 2.5 Detectives. PM 2.5 are tiny drops of liquid or small particles of dust, metals and other materials that float in the air. These small particles are bad for our health because they can accumulate in the respiratory system and cause health problems.

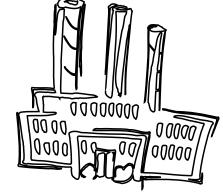


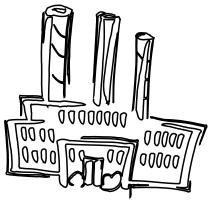
Good and Bad Activities for an Air Quality Action Day

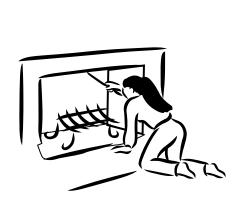
Today is an Air Quality Action Day for PM 2.5 (Particulate Matter is too high). Color in the Scale with the right colors. Then cross out the bad activities with an "X" and circle the good activities.

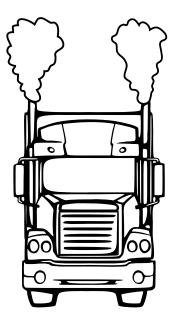


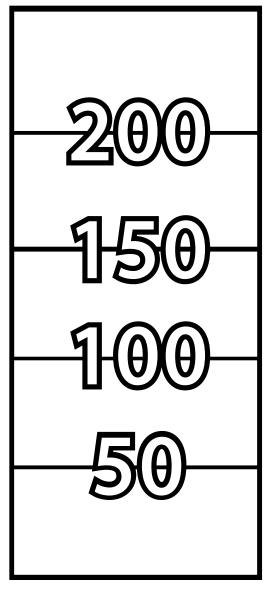


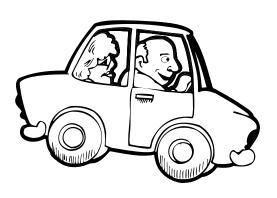












PM 2.5

Word Search

Search for the words that are bold in the sentences below.

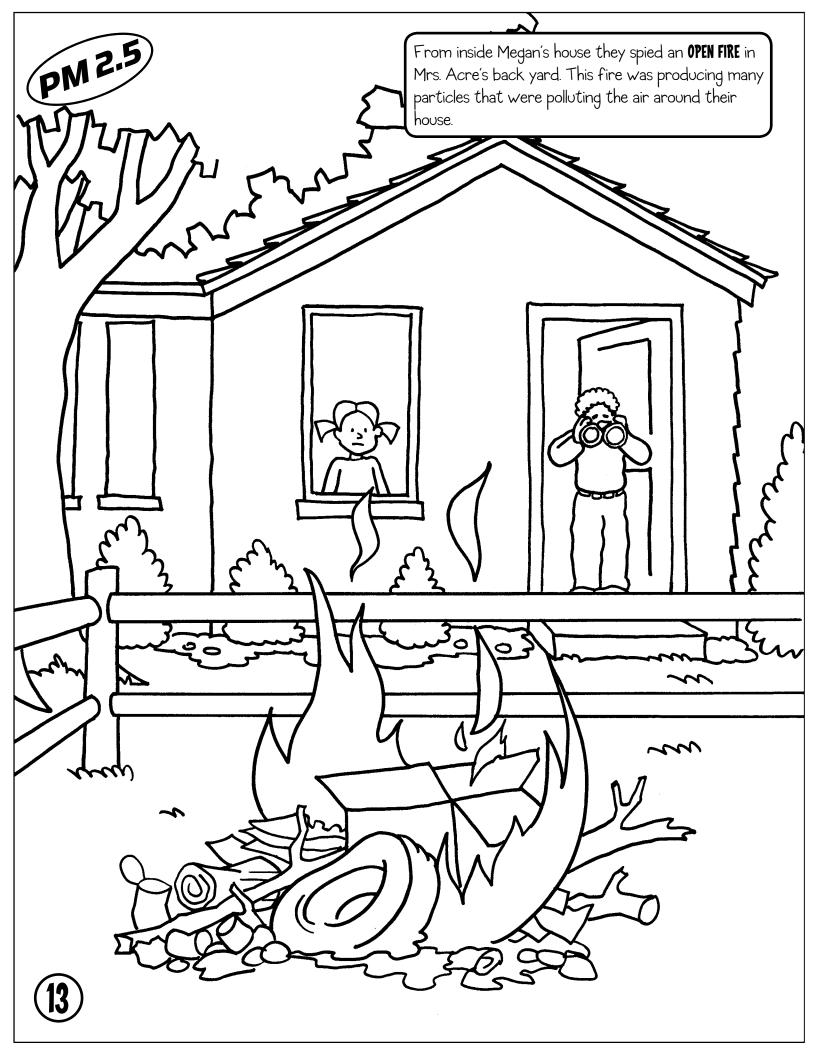


- PARTICULATE MATTER refers to fine particles from power plants, diesel trucks and open burning.
- 2. Fine particles less than 2.5 MICROMETERS can accumulate in the respiratory system.
- 3. Emissions from **FACTORIES** can contribute to particulate matter in the air.
- 4. A great way to help reduce air pollution is to **CONSERVE ENERGY**.
- 5. The black exhaust from **DIESEL TRUCKS** is an example of visible particulate matter.
- 6. OPEN BURNING should be avoided whenever possible.

- 7. A CLEAN CHIMNEY produces less pollution.
- 8. During an AIR QUALITY Action Day reduce emissions whenever possible.
- 9. Study air quality **INDEX** to know the quality of the air you're breathing.
- 10. TEACH OTHERS about how they can protect air quality.
- 11. FALL and **WINTER** are two seasons that are bad for PM 2.5.
- 12. Find out more about Air Quality PARTNERSHIPS at www.LVBCAIR.org



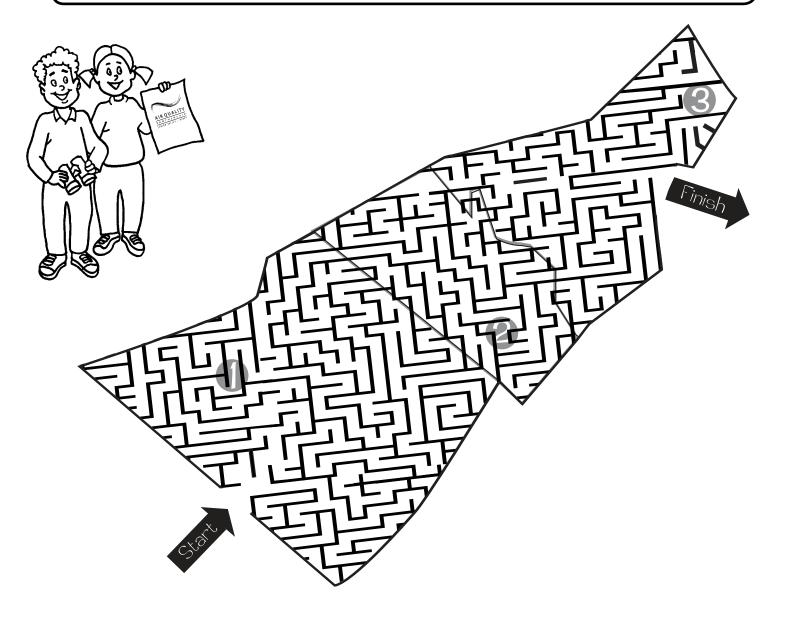




Another Maze Game PM2.5



Help Miguel and Megan make a difference! Be sure to take them through all three counties. List the counties below with their corresponding number.



Draw an activity that you can do that helps improve the air quality.



Good Work Detective!