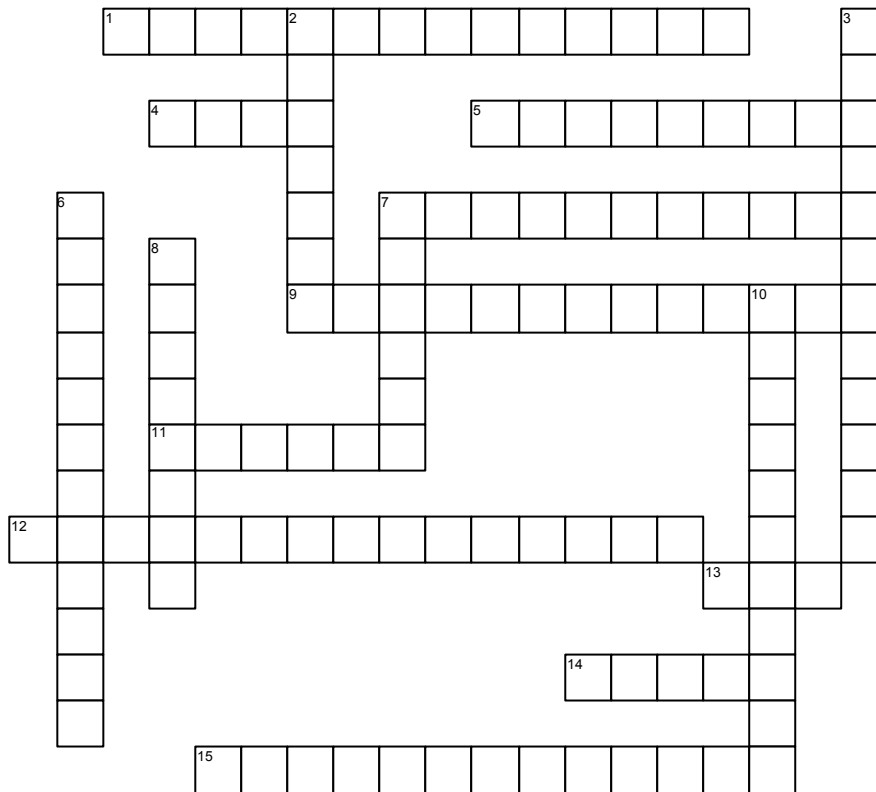


Carbon-Based Fuels and the Environment

Chapter 1



<http://jameshaldeman.com>

ACROSS

- _____ is a colorless, odorless poisonous gas.
- _____ is a term used to describe a condition that looks like smoke and/or fog.
- The higher the tier number, the newer the regulation; the lower the _____, the cleaner the vehicle.
- The federal _____ was established in 1970 to create nationwide air quality standards to protect public health.
- In carbon-based biology, the basic energy storage compounds are in _____, where the carbon atoms are linked by single bonds into a chain.
- The atmosphere on earth is about 21% _____.
- _____ are those gases in our atmosphere that if in too great a concentration can prevent heat from escaping the surface, which leads to an increase in the temperature on earth.
- In the United States, emissions standards are managed by the _____ as well as some U.S. state governments.
- _____ is composed of three atoms of oxygen.
- _____ is an inert greenhouse gas, which is thought to cause global warming.

DOWN

- The term _____ is applied to anything that was alive at one time.
- The upper atmosphere is called the _____.
- The carbon atoms are attached to hydrogen atoms to form _____.
- Throughout history most of the energy used in the world is generated by burning organic fuel that contains _____.
- The atmosphere on earth is about 78% _____.
- The lower atmosphere is called the _____.