# *ChemMatters* Puzzle: Chemical Word Search

Here is an intriguing variation of a WORD SEARCH puzzle with a chemical theme.

In the 11x12 grid, 23 terms (shown below) are hidden. All are words/units important to the chemist, and six are some famous scientists’ last names. The terms will be found in the grid going in a straight line… leftward, rightward, up, down, or in any diagonal direction.

The kicker is that in the list of terms, the first letter is left out. You’ll want to supply it, as the whole word appears in the grid. The grid coordinates are given to help you discuss with others or check your answers.

One more thing: With all the first letters in place, they will generate when read top to bottom a statement. This might help you work backwards to obtain a first letter, if needed. The statement is an unorthodox **answe**r to a **question** many a chem student has been asked over the years;

“What is the formula of the chemical whose boiling and melting point are 100 degrees apart?”

***The terms***

column 1 column 2 column 3 column 4

\_­\_att \_ \_erric \_\_lkali \_\_elvin

\_\_cid \_ \_xide \_\_sotope \_\_iquid

\_\_orr \_ \_adon \_\_TP \_\_ole

\_\_nzyme \_ \_etal \_\_aber \_\_obel

\_\_edox \_ \_rea \_ \_\_ somer \_\_ octane

­ \_­\_teel \_ \_ewis \_\_oule

***The word search grid***

a b c d e f g h i j k

1 L E E T S I W E L A L

2 E B U T E D A S L G I

3 N E P B N M T A E Q Q

4 A Q L I Z P T L C N U

5 T J T O Y E E K U I I

6 C I S O M E R A R V D

7 O S A F E V S L E L O

8 X O D E R C Z I A E H

9 I T O R R A D O N K A

10 D O H R T A D P A Y B

11 E P F I S O J O U L E

12 B E T C L E B O N E R