# ChemMatters Puzzle: ChemCrostic

**In a crostic puzzle,** a short passage or perhaps a quote is revealed in a grid. Each cell gets an alphabetic letter, placed there by the clues below the grid. A black square denotes the end of a word. Note that some words carry over to the next line.

To solve the crostic, put as many of letters into the clue blanks as you can, then transfer them to the grid. For example the quote’s first letter will be found in the first blank of clue D. As you continue, you’ll soon be able to see words in the grid, and can begin to work backwards to complete more clues. The majorityof the clues are from the world of Chemistry.

*One more hint.* The first letters in each clue are arranged *alphabetically* going down the page. Thus it’s unlikely that the answer to clue I is AMPS… but it might be WATT !

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1**D** | 2**C** |  | 3**G** | 4**A** |  | 5**F** | 6**I** | 7**E** | 8**J** | 9**F** |  | 10**J** | 11**G** | 12**C** | 13**F** |
|  | 14**E** | 15**B** |  | 16**I** | 17**H** | 18**A** | 19**J** | 20**H** |  | 21**H** | 22**E** | 23**F** | 24**G** | 25**J** |  |
| 26**F** |  | 27D | 28**E** | 29**A** |  | 30A | 31**F** | 32J | 33**B** | 34J |  | 35**C** | 36**H** | 37**G** | 38**F** |
| 39**A** | 40**G** |  | 41**I** | 42**H** |  | 43**B** | 44**D** |  | 45A |  | 46**E** | 47**H** | 48**H** | 49**G** | 50**F** |
| 51**A** |  | 52**I** | 53**B** | 54**C** | 55**A** | 56**E** | 57**E** | 58**H** | 59**F** | . |  |  |  |  |  |

THE CLUES

**A.** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ Salt and last, steel and sleet, are examples of \_\_\_\_ .

55 4 39 51 29 45 30 18

**B.** \_\_ \_\_ \_\_ \_\_ Danish scientist, notably explaining atomic Hydrogen’s energy levels.

43 15 33 53

**C.** \_\_ \_\_ \_\_ \_\_ \_\_ Financial misconduct, especially by government office holders.

54 12 35 2 34

**D.** \_\_ \_\_ \_\_ H2O (s)

1 27 44

**E.** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ Nationality of the man honored in clue I by a derived SI unit.

57 14 28 46 7 22 56

**F.** \_\_ \_\_ \_\_ \_\_ \_\_ - \_\_ \_\_ \_\_ \_\_ Wife and co-worker of Antoine Lavoisier.

59 5 23 31 13 26 50 9 38

**G.** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ Buccaneer, robber at sea.

37 49 40 3 24 11

**H.** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ The kind of charge an alpha particle possesses.

36 42 58 17 20 47 48 21

**I.** \_\_ \_\_ \_\_ \_\_ One Joule per coulomb; unit of electrical potential.

16 52 6 41

**J.** \_\_ \_\_ \_\_ \_\_ \_\_ Often used (incorrectly!) as a verb to be synonymous with mass.