

**Baccalaureate to the Future** by George Barany and Friends

**ACROSS**

1. Prohibits, using elements #5, 18, and 16
5. Does something
9. Greek vowel
12. Quick swim
15. Exotic berry in some fruit juices
16. "Gone with the Wind" plantation, composed of elements #73 and 88
17. Aries, e.g. (Zodiac animal)
18. "\_\_\_ Are My Sunshine" (elements #39, 8, and 92)
19. Reaction type in which one element takes the place of another
23. Site of first enclosed shopping mall (Twin Cities suburb)
24. Really big show
25. Lennon's lady, composed of elements #8 and 102
26. Orbital labels, in order
28. "Green Eggs and \_\_\_" (elements #1 and 95)
30. No, in Scotland
33. Completely
36. Chemistry classroom furniture?
41. Be scared of elements #26 and 18
43. It comes before "dymium" (see element #60)
44. Neighbor of Swed.
45. Sounds of hesitation, combining elements #92, 1, and 16
46. It's a no-no
48. Cool! (with respect to a chemical reaction)
52. Pie \_\_\_ mode
54. Pasta ending, containing elements #53 and 7 in a 2:1 70-Across
55. Atomic number for hydrogen
56. Nonpolar intermolecular force
61. Cartoon duck
65. Hello, in Brazil (composed of elements #8 and 57)
66. It melts at 0 °C
67. Sheep bleat
69. 40 grams of 58-Down, e.g.
70. Relative quantities of chemical reactants
75. Wordplay that often elicits a groan (like some of the clues in this puzzle)
76. Unit of electrical resistance (volt divided by ampere)
77. N.Y. engineering sch.
78. "Once \_\_\_ a time..."
80. Egyptian snake, composed of elements #33 and 15
83. Phys. activity

85. Lose one's marbles
89. Fluorine has the highest
94. Be sick
95. Surprised shriek
96. Concentration change over time
97. North Carolina school that is an anagram of ENOL
98. Whistle-blower in a striped shirt
99. 2nd afterthought in a ltr. or e-mail
100. Go downhill, on a snowy winter day
101. Like some excuses

**DOWN**

1. It turns litmus blue
2. It turns litmus red
3. Bollywood queen, composed of elements #88 and 28
4. Leo and Libra, for two
5. Had a bite
6. Happy-go-lucky
7. "Jurassic Park" menace, briefly
8. Poet born on Lesbos whom Plato called "The Tenth Muse"
9. Historical period
10. \_\_\_ Bell, good place to grab a Tex-Mex snack
11. Last word in prayer
12. Food or hair colorer
13. It's not free of charge
14. "\_\_\_ up or shut up!"
20. Arctic reindeer herder
21. Truckful
22. \_\_\_ Lisa (famous painting by Leonardo da Vinci)
27. Family room
29. Flavor in many toothpastes
31. "I coulda been a contender, I coulda been somebody, instead of \_\_\_, which is what I am" [memorable Marlon Brando lines from "On the Waterfront"]
32. Grades K-12, for short
33. Toward the rear
34. Grassy area
35. Chemist's workplace
37. Pythagoras's homeland
38. Small salmon, composed of elements #27 and 67
39. Pattern, like increasing 89-Across when going left to right in the 36-Across
40. PC key in the upper-left corner of the keyboard
42. Way to go
47. \_\_\_ acid (soap ingredient)
49. Double-helix molecule
50. Tin Man's plea in "The Wizard of Oz"
51. Enlarge, as a hole
53. Half of the McDonald's logo

1	2	3	4	5	6	7	8	9	10	11	12	13	14			
15				16				17			18					
19				20				21			22					
23				24				25								
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46			47		48		49	50			51					
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56	57	58				59			60		61		62	63	64	
65			66				67		68		69					
70			71				72	73			74		75			
			76				77			78			79			
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89	90	91				92					93					
94				95				96				97				
98				99				100					101			

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56. Marilyn \_\_\_ Savant [self-proclaimed world's smartest person, composed of elements #23 and 76]
57. Voice below soprano
58. It is neutralized by HCl to make table salt
59. Olympic figure skater Johnny who skated to Lady Gaga's "Poker Face"
60. Make so it can hold no more
62. Dandy containing elements #9, 8, and 15
63. Winter bug
64. Currency in Japan
68. Dadaism founder containing elements #18 and 15
71. Apple product promoted as having both "beauty" and "brains"
72. Not closed
73. Glass stir rods and magnetic stir bars, e.g.
74. He is said to have said "In theory there is no difference between theory and practice, but in practice there is."

79. "Moby-Dick," "Oliver Twist," "Wuthering Heights," or "The Catcher in the Rye," e.g.
81. Part of a process
82. Get ready, informally
84. The same, in French
86. Actress Kunis who co-starred in 93-Down
87. Indivisible particle of matter, as theorized by Democritus and Dalton
88. Small force
89. Ring holder ... or receiver
90. Make stuff up
91. Santa's little helper
92. Green-lights with elements #8, 19, and 16
93. Title character of a 2012 Seth MacFarlane hit comedy