

Elements of Leadership

This lesson can be used as an exploration of what makes leadership, or it can be a lesson on how to break a difficult task into manageable amounts.

Lesson 1

Hand out the periodic table of the elements and ask students to fill in the corresponding sheet with the elements of leadership. Using the qualities and attributes of what makes a leader, students define each of the symbols. The first symbol is H, which stands for hydrogen in the periodic table. However, in this exercise, the symbol could stand for “honesty”. Element #33 is As which could be a leadership element of “always sensitive”.

This exercise can be done individually, in groups, or as a class. (It is also a good way to review the periodic table and judge how many of the elements the students can name.)

Lesson 2

This version of the lesson is best prefaced with activities or lessons that stress how groups should break large tasks into smaller more manageable tasks. Do not hand out these sheets announcing that this is your intent. This is an attempt to see if the students have learned what they have previously been practicing or learning from lessons.

Ask the class to arrange themselves into groups of four. Hand out the sheets and ask them to complete them in their groups in the manner described in lesson 1.

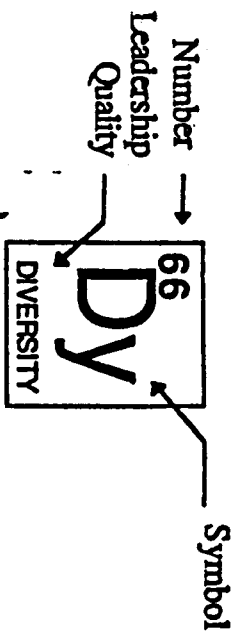
Observe how many groups are using all four members to start at the beginning and work their way through the list.

Stop the class and ask them what manner they are attempting to solve the task. Ask how many columns the exercise sheet is broken into. Ask them to observe how many students are in each group.

After the groups have worked for a while at their independent tasks, ask them how they might share the load and accomplish more. They should understand that switching responsibilities for columns can produce more results with a fresh set of eyes on the problem.

ELEMENTS OF LEADERSHIP

1 H																	2 He						
3 Li	4 Be																	5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg																	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr						
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe						
55 Cs	56 Ba	57 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn						
87 Fr	88 Ra	89 Ac	104 Rf	105 Ha	106 Sg	107 Ns	108 Hs	109 Mt															



59 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr

INSTRUCTIONS: This table represents 109 symbols for the elements...of leadership! Using what you already know about the qualities and attributes of a leader, define each of the symbols above. For example, element number 1, H, might stand for HONOR. Element number 108, Hs, might represent HIGH STANDARDS. Now it's your turn to finish the table.

The Elements of Leadership

symbol

1. H _____
2. He _____
3. Li _____
4. Be _____
5. B _____
6. C _____
7. N _____
8. O _____
9. F _____
10. Ne _____
11. Na _____
12. Mg _____
13. Al _____
14. Si _____
15. P _____
16. S _____
17. Cl _____
18. Ar _____
19. K _____
20. Ca _____
21. Sc _____
22. Ti _____
23. V _____
24. Cr _____
25. Mn _____
26. Fe _____
27. Co _____
28. Ni _____

symbol

29. Cu _____
30. Zn _____
31. Ga _____
32. Ge _____
33. As _____
34. Se _____
35. Br _____
36. Kr _____
37. Rb _____
38. Sr _____
39. Y _____
40. Zr _____
41. Nb _____
42. Mo _____
43. Tc _____
44. Ru _____
45. Rh _____
46. Pd _____
47. Ag _____
48. Cd _____
49. In _____
50. Sn _____
51. Sb _____
52. Te _____
53. I _____
54. Xe _____
55. Cs _____
56. Ba _____

symbol

57. La _____
58. Ce _____
59. Pr _____
60. Nd _____
61. Pm _____
62. Sm _____
63. Eu _____
64. Gd _____
65. Tb _____
66. Dy _____
67. Ho _____
68. Er _____
69. Tm _____
70. Yb _____
71. Lu _____
72. Hf _____
73. Ta _____
74. W _____
75. Re _____
76. Os _____
77. Ir _____
78. Pt _____
79. Au _____
80. Hg _____
81. Tl _____
82. Pb _____
83. Bi _____
84. Po _____

symbol

85. At _____
86. Rn _____
87. Fr _____
88. Ra _____
89. Ac _____
90. Th _____
91. Pa _____
92. U _____
93. Np _____
94. Pu _____
95. Am _____
96. Cm _____
97. Bk _____
98. Cf _____
99. Es _____
100. Fm _____
101. Md _____
102. No _____
103. Lr _____
104. Rf _____
105. Ha _____
106. Sg _____
107. Ns _____
108. Hs _____
109. Mt _____