

SCIENCE CLASS CHALLENGE



TEACHER'S ANSWER KEY--ACTIVITY #5: IT'S ATMOSPHERIC CROSSWORD PUZZLE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A		A	N	T	A	R	C	T	I	C	A										
B										F											
C										C											
D			M		S	U	C	C	E	S	S									C	
E			O		K																H
F			N		I			F	I	L	T	E	R	S							L
G			T		N				T												O
H			R		C				S					R							R
I			E		A	E	R	O	S	O	L			A							I
J			A		N				K					T							N
K			L		C				T		A	T	M	O	S	P	H	E	R	E	
L	D	E	P	L	E	T	I	O	N					S							
M			R		R				S		T	R	O	P	O	S	P	H	E	R	E
N			O						P					H							
O			T						R				T	W	E	N	T	Y	S	I	X
P			O						A					R							
Q			C				O	X	Y	G	E	N		E							
R			O																		
S		B	L	U	E																

Across

- A2 The earth's protective ozone layer is thinnest above this continent
 D5 The ozone layer will heal itself in approximately 50 years, making our efforts at protecting the ozone layer an "environmental _____"
 F7 The ozone layer protects Earth because it _____ ultraviolet radiation from the sun
 I5 This type of can once used CFCs, but is now safe for the ozone layer
 K10 A very thin layer wrapped around the Earth
 L1 The process by which the ozone layer becomes thinner is called "ozone _____"
 M10 The layer of the atmosphere in which weather occurs
 O11 Aerosol cans have been CFC-free for this number of years
 Q6 An ozone molecule is made up of this
 S2 The color of ozone

Down

- 10A These manmade chemicals harm the Earth's protective ozone layer
 3D This international treaty was adopted in 1987 to eliminate CFC production worldwide.
 5D Too much ultraviolet radiation can cause this disease in humans
 19D This element in CFCs depletes the ozone layer
 8F This is the motto of the CAPCO Science Class Challenge
 13F The layer of the atmosphere where Earth's protective ozone layer is located

