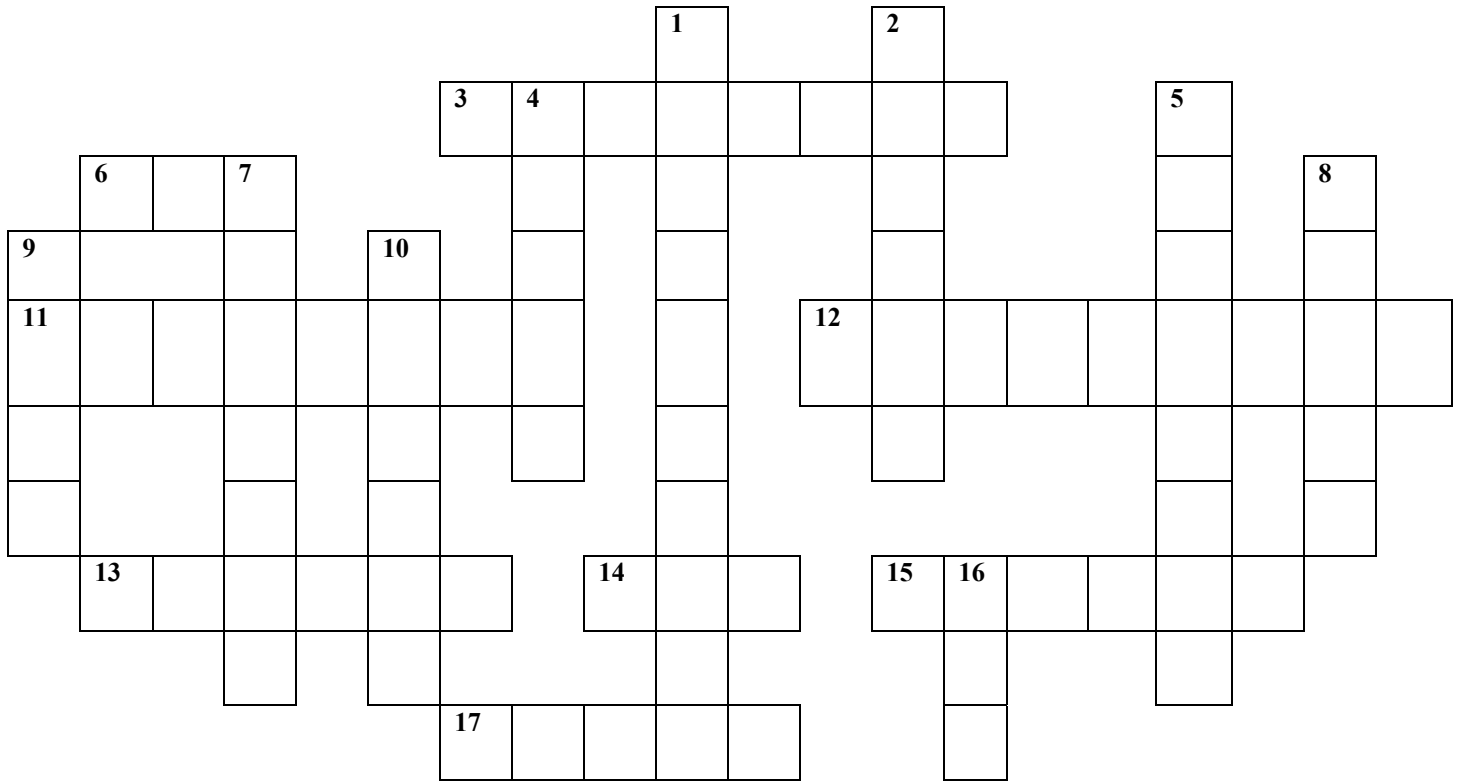


# Ozone Science Crossword Puzzle

Test your knowledge of ozone layer science and ozone depletion in this crossword puzzle



## Across

- 3. Microscopic animals harmed by excess UV
- 6. Especially harmful band of UV radiation
- 11. One atom of this can destroy over 100,000 ozone molecules
- 12. Unnatural thinning of the ozone layer by human activities
- 13. Skin \_\_\_\_: One of the worst diseases caused by too much sun
- 14. \_\_\_\_ conditioning: one type of equipment that uses CFCs
- 15. Unit for measuring column ozone
- 17. \_\_\_\_osphere: Part of the atmosphere containing the ozone layer

## Down

- 1. The southernmost continent; location of the ozone hole
- 2. Wind pattern over Antarctica that isolates the ozone hole
- 4. Ozone \_\_\_\_: region containing most atmospheric ozone
- 5. Montreal \_\_\_\_: Treaty protecting the ozone layer
- 7. Chemical that makes methyl bromide an ozone-depleting substance
- 8. Molecule that absorbs UVB radiation from the sun, protecting Earth
- 9. A substitute for CFCs that's much less damaging to the ozone layer but may cause global warming
- 10. Ultra \_\_\_\_: Harmful solar radiation
- 16. Abbreviation for gases that deplete the ozone layer

# Ozone Science Word Sleuth

See if you can find these words associated with  
Ozone Science and Ozone Depletion

P	A	D	E	Q	F	U	M	I	G	A	N	T	S	A	Y
B	O	C	F	A	L	T	E	R	N	A	T	I	V	E	P
H	I	L	G	H	X	V	T	R	W	E	M	W	N	X	L
J	L	M	A	H	F	T	H	G	F	S	F	O	G	W	R
K	D	L	D	R	A	C	Y	E	Q	D	Z	Y	R	E	F
M	O	N	T	R	E	A	L	P	R	O	T	O	C	O	L
N	B	O	N	A	Q	E	B	B	F	V	C	N	R	F	R
W	S	P	A	W	P	L	R	B	F	H	A	V	Y	X	C
V	O	S	R	V	R	E	O	S	H	C	D	S	W	C	W
U	N	R	E	L	O	H	M	T	U	O	E	S	A	H	P
T	T	Q	G	N	T	B	I	D	N	E	X	G	P	L	S
N	X	A	I	O	E	R	D	E	P	L	E	T	I	O	N
E	S	M	R	P	C	E	E	S	L	W	T	L	W	R	P
V	Y	L	F	D	T	T	R	T	A	D	R	R	P	I	S
L	A	Y	E	R	I	R	G	R	N	C	O	Y	G	N	A
O	Z	K	R	V	O	O	V	O	K	U	V	B	F	E	F
S	A	F	G	S	N	F	B	Y	T	B	Y	X	S	W	L
B	D	H	I	R	S	I	V	K	O	I	W	G	R	K	Y
C	E	J	U	N	I	T	E	D	N	A	T	I	O	N	S

Montreal Protocol  
Refrigerant  
CFC  
Methyl Bromide  
Halon  
Phase out  
Ozone  
Layer  
Depletion  
Dobson  
BFC  
Vortex  
HFC  
UVB

Protection  
Gas  
Solvent  
Destroy  
ODS  
Polar  
United Nations  
Hole  
Chlorine  
Alternative  
Fumigant  
Retrofit  
Plankton  
Cancer

# Ozone Word Scramble

See if you can unscramble these words  
associated with ozone science and ozone depletion

RACNEC

EOZNO

TRFEIRREGAN

KSCUONBL

LMOANTRE

STXEGINSUISREH

RAYLE

SLARESO

ESATUHPO

NITONELPDE

ULAELBRM

CSANOBROHDYR

SASESNUGLS

ESRTERSOTAHP

ECHORLNI