

Thermal Transfer - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

Find 12 words. Words can run in any of eight directions.

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

CONDUCTION

INSULATOR

THERMAL

EMISSION

CONVECTION

CONDUCTOR

ENERGY

ABSORPTION

RADIATION

GRADIENT

FLUX

EQUILIBRIUM

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VOCABULARY CLUES / Use the word bank on page 1.

1. Heat transfer through microscopic interactions in material

2. Heat transfer involving bulk fluid movement

3. Energy transfer by electromagnetic waves

4. A material resisting the relevant energy transfer

5. A material permitting relatively easy transfer

6. The rate of change across a distance

7. Relating to heat or temperature

8. A quantity associated with capacity for physical change

9. The rate of transfer through an area

10. The release of energy from a source

11. The taking up of incoming energy

12. A state with balanced relevant conditions

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SOLUTION / words marked in gray

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

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