Design and Technology Vocabulary

12 × 12 GRID • 15 WORDS

Words go across, down or diagonally. No backwards words.

Spaces, punctuation and accents are omitted from the grid.

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

WORDS TO FIND

BRIEF
CIRCUIT
DESIGN
ERGONOMICS
EVALUATE
GEAR
LEVER
MATERIAL
MECHANISM
PROTOTYPE
PULLEY
SENSOR
STRUCTURE
TEXTILE
TOLERANCE

Learn what each word means on the next page.

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WORD MEANINGS

Read the meanings, then try using a new word in a sentence.

Design
To plan how something will look and work.

Brief
A statement explaining what a design needs to achieve.

Prototype
An early model made to test a design.

Material
A substance used to make something, such as wood or metal.

Structure
Parts arranged together to support something or give it shape.

Mechanism
Connected parts that move or control movement.

Lever
A rigid bar that turns around a pivot to move a load.

Pulley
A wheel with a rope or belt around it, used to move or lift things.

Gear
A toothed wheel that transfers movement to another part.

Circuit
A complete path through which an electric current can flow.

Sensor
A device that detects a change, such as light or temperature.

Textile
Cloth or fabric made from fibres.

Ergonomics
Designing things to suit the people who use them.

Tolerance
The allowed difference from a specified size or measurement.

Evaluate
To judge how well something works and meets its purpose.

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