

Energy Flow in Technological Systems Word Search

Understanding how energy moves through technological systems requires mastery of key concepts. This word search reinforces vocabulary essential to Science 10, Unit B, where you study how energy exists in multiple forms, mechanical, chemical, and others, and how it transforms within devices and systems ([Topic](#)). You will encounter terms related to motion, such as velocity, acceleration, and displacement, as well as energy types and the processes by which one form converts to another ([Outcome](#), [Outcome](#)). Finding these words will help you build fluency with the language of energy analysis before applying efficiency calculations and thermodynamic principles to real technological systems ([Outcome](#)).

How to play

- Locate each of the eight words hidden in the grid. Words may run horizontally, vertically, or diagonally, in either direction (left to right, right to left, top to bottom, bottom to top).
- Circle or highlight each word as you find it. Mark the answer key to track your progress.
- When you have found all words, check your answers against the answer key provided.

Words to find

- ACCELERATION
- CHEMICAL
- CONVERSION
- DISPLACEMENT
- EFFICIENCY
- MECHANICAL
- POTENTIAL
- VELOCITY

Puzzle grid

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

Answer key

- **ACCELERATION**: row 2, column 12, down
- **CHEMICAL**: row 4, column 11, down
- **CONVERSION**: row 3, column 10, down
- **DISPLACEMENT**: row 7, column 3, across
- **EFFICIENCY**: row 4, column 1, diagonal
- **MECHANICAL**: row 5, column 9, down
- **POTENTIAL**: row 14, column 1, across
- **VELOCITY**: row 8, column 1, across