

Kinematics Word Search

In Physics 20, you describe motion using displacement, velocity, and acceleration ([Outcome](#), [Topic](#)). This word search reinforces core kinematics vocabulary. You will encounter terms related to how motion is analyzed quantitatively and graphically, including methods for solving projectile motion problems and interpreting relative motion between objects ([Outcome](#), [Outcome](#), [Outcome](#)).

How to play

- Find each word in the grid. Words run horizontally, vertically, or diagonally in any direction (forward or backward).
- Circle or highlight each word as you find it. Mark your answers on the puzzle grid itself.
- Use the word list as your guide. All eight words appear exactly once in the grid.

Words to find

- ACCELERATION
- COMPONENT
- DISPLACEMENT
- GRAPHICAL
- KINEMATICS
- PROJECTILE
- QUANTITATIVE
- RELATIVE

Puzzle grid

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

Answer key

- **ACCELERATION**: row 2, column 7, down
- **COMPONENT**: row 5, column 1, across
- **DISPLACEMENT**: row 6, column 3, across
- **GRAPHICAL**: row 4, column 1, across
- **KINEMATICS**: row 4, column 13, down
- **PROJECTILE**: row 7, column 3, across
- **QUANTITATIVE**: row 10, column 1, across
- **RELATIVE**: row 2, column 14, down