

Build a Robot

Hard · 16 × 16 · 18 words · every direction, backwards too

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

- ☐ SCREWDRIVER
- ☐ SOLDERING IRON
- ☐ BREADBOARD
- ☐ JUMPER WIRES
- ☐ MULTIMETER
- ☐ RESISTOR

- ☐ PROTOTYPE
- ☐ SCHEMATIC
- ☐ PROGRAMMING
- ☐ DEBUGGING
- ☐ TESTING
- ☐ CALIBRATION

- ☐ WIRING
- ☐ MOUNTING BRACKET
- ☐ HEAT SHRINK
- ☐ CABLE TIES
- ☐ POWER SUPPLY
- ☐ BATTERY PACK

Build a Robot: answer key

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