

Telecommunications Word search

Words can appear horizontally, vertically or diagonally, running backwards or forwards. Different names can cross and overlap. Find the following telecom words in the word search grid. Their Spaces, accents and hyphens are not included.

TELE, COMMUNICATION, WIRES, WIRELESS, INTERNET, TELEPHONE, MORESECODE, SEMAPHORE, HELLO, TRANSMITTER, RECEIVER, FIBREOPTIC, BLUETOOTH, CHANNEL, CELL, ANTENNA, ROUTER, MODULATOR

Which extra device do you see in use every day?

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

Computational Thinking Hint

You may be able to use your natural pattern matching abilities to spot some words. An algorithmic thinking approach may work better though. You need an organised way that is guaranteed to find the words. Take the first letter of a word and start at the top left hand corner, scanning along the rows in turn looking for it. When you find it check in all directions for the second letter. If it's not, move on. If it is, look for the third letter in the same direction, and so on. Can you improve this algorithm for solving word searches?

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