

# Simple Machine Vocabulary - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

Find 12 words. Words can run in any of eight directions.

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

LEVER

AXLE

FULCRUM

RAMP

PULLEY

WEDGE

EFFORT

GEAR

WHEEL

SCREW

LOAD

CRANK

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VOCABULARY CLUES / Use the word bank on page 1.

1. A rigid bar turning around a support point

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2. A grooved wheel guiding a rope or belt

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3. A circular part turning around an axis

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4. A shaft around which a wheel turns

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5. A tapered piece that separates or holds material

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6. A device with a helical thread

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7. The support point of a lever

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8. The applied input force in a mechanism

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9. The resistance acted on by a machine

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10. An inclined surface connecting different heights

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11. A toothed wheel transmitting motion

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12. An offset arm converting turning and other motion

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# Simple Machine Vocabulary - word search

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SOLUTION / words marked in gray

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

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