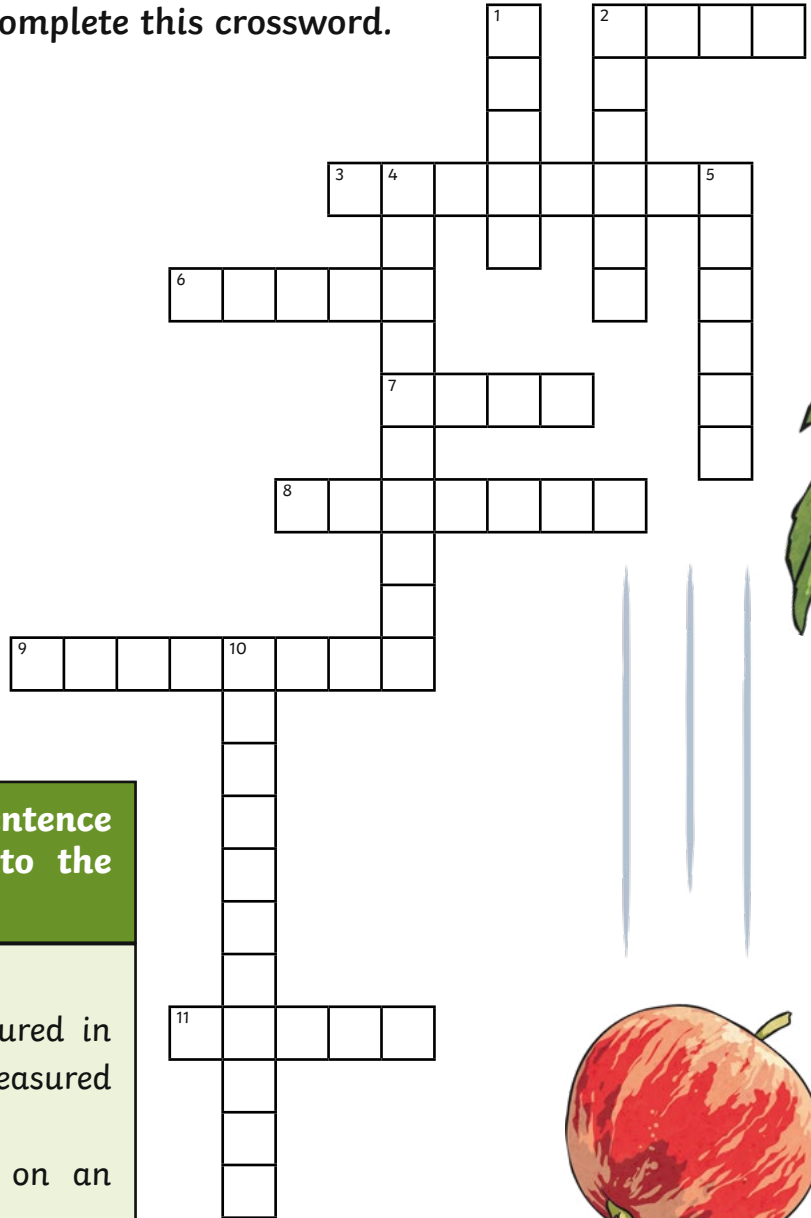


# Forces Crossword

Use your knowledge of forces to complete this crossword.

Use these words to help you:

- |             |            |
|-------------|------------|
| force       | gravity    |
| friction    | pivot      |
| streamlined | resistance |
| moving      | mass       |
| same        | slows      |
| opposite    | Newton     |



Fill in the correct word in the sentence clues. Then type the word into the crossword grid.

## Across

- Scientifically, \_\_\_\_\_ is measured in kilograms and weight is measured in newtons.
- All surfaces create \_\_\_\_\_ on an object moving across them.
- Friction \_\_\_\_\_ moving objects down.
- Galileo Galilei conducted an experiment to prove that all objects fall at the \_\_\_\_\_ rate, no matter what their mass is.
- \_\_\_\_\_ is a pulling force exerted by the Earth.
- When two gears are connected, they always turn in \_\_\_\_\_ directions to one another.
- A lever always rests on a \_\_\_\_\_.

## Down

- A lever can be used to make a smaller lift a larger load.
- Air pushes against any object through it.
- Aeroplanes are streamlined so they do not experience much air \_\_\_\_\_.
- Isaac \_\_\_\_\_ discovered more about gravity.
- Objects that do not experience much air or water resistance are called \_\_\_\_\_.

