



DO YOU KNOW?

HIGH SPEED

1

**a Look at pages 4–5. Read and write T (True) or F (False)
The first one has been done for you.**

- 1 The yellow duck is floating.*T*.....
- 2 The black bird has a red beak.
- 3 There are lots of different things made of metal.
- 4 There is a pink shape.
- 5 The speed limit is 50 kilometres an hour.
- 6 The speed of the car is 140 kilometres an hour.

b Look at pages 4–5. Write the words. The first one has been done for you.

- 1 Look out of the window! Can you see the l *a n d*?
- 2 Ice m in the sun
- 3 They are looking at a d on the table.
- 4 Look at the dark clouds and l!
- 5 Trains travel on t
- 6 The boy is throwing something in the a

2

Work in small groups. Look at pages 6–13.

Match the descriptions and the numbers. The first one has been done for you.

- | | |
|--|---|
| 1 The speed of a peregrine falcon. | a <input type="checkbox"/> 499 seconds |
| 2 The year a person first flew faster than sound. | b <input type="checkbox"/> 6,000 kilometres an hour |
| 3 The speed of sound. | c <input checked="" type="checkbox"/> 390 kilometres an hour |
| 4 The speed a hypersonic plane could fly. | d <input type="checkbox"/> 332 metres a second |
| 5 The time it takes for light to travel from the Sun to Earth. | e <input type="checkbox"/> 1947 |



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3

Look at pages 14–17. Write the correct word on the lines.
The first one has been done for you.

so

and

too

If

but

so

- 1 It can be dangerous to try new designs,^{so}..... engineers use wind tunnels.
- 2 the wind doesn't move over the car well, the engineers can change the car's shape.
- 3 Engineers test their designs with models in small tunnels,
- 4 Concorde was famous for its speed its long nose.
- 5 Concorde needed a long nose to travel fast, the pilots couldn't see!
- 6 The pilots could not see, engineers put a hinge in the nose.

4

Look at pages 22–27. Read and circle the correct answer.
The first one has been done for you.

- 1 What do maglev trains use to travel so fast?
sonic boom magnets G-force
- 2 How does a maglev train run?
on tracks underground above tracks
- 3 Hyperloop is a new design for ...
a wind tunnel. public transport. a racetrack.
- 4 The G in G-force means ...
green. ground. gravity.
- 5 How much gravity do you feel on Earth?
1G 6G 9G



DO YOU KNOW?

HIGH SPEED

Reading
Activities

Level 4

5

Talk to a friend. How much can you remember? Ask and answer the questions.

- 1 What is the fastest animal in the world?
- 2 Who is the fastest person on land?
- 3 What is the fastest car in the world?
- 4 What is NASA's fastest spacecraft?
- 5 How long that spacecraft take to go around Earth?