



# DO YOU KNOW?

Answer Key  
Level 3

## ENGINEERING IN HISTORY



### READING ACTIVITIES

- 1 a 1 The boy is **cutting** the bread.  
2 The **builder** is working hard.  
3 The woman is standing in a **high** place.  
4 They used **stone** to build the wall.  
5 There are a **hundred** centimetres in a metre.
- b 1 lift      2 builder      3 high  
4 million    5 machine    6 wide
- 2 1 S, P      2 P      3 S  
4 S          5 P      6 S, P
- 3 1 365  
2 91  
3 more than **200**  
4 **450** metres  
5 **21,196** kilometres
- 4 1 The Great Wall of China is strong because the builders put **sticky rice** between the bricks.  
2 They also used bricks which were **very hard**.  
3 Machu Picchu is on a mountain which is **2,430 metres** from the sea.  
4 The Inca built Machu Picchu from stone which they found on **the mountain**.  
5 You can tell the **time and date** from the Intihuatana stone.  
6 Walls which have trapezoid stones are **very strong**.
- 5 1 cranes    2 water wheel    3 catapults  
4 arches    5 dome
- 6 1 T  
2 F (*They put flat stones on the top of their roads.*)  
3 T

- 4 F (*They used aqueducts to move water from the mountains.*)  
5 F (*Dirty water went into the sewers. / Dirty water did not go into the roads.*)  
6 T



### VIDEO ACTIVITIES

#### Stonehenge video

- a Stonehenge is a very old stone **circle**.  
b The stones are **large and heavy**.  
c Some stones are tall and some are **flat**.  
d There are **83** stones at Stonehenge.

#### Intihuatana video

The light of the sun is behind the stone. This makes a shadow. When the sun moves, the shadow moves, too. The Inca could tell the time from the sun.

#### Water Wheel video

- a Water pushes the large wheel.  
b The water wheel pushes the other wheels.  
c This stone machine makes flour for bread.

#### All videos

*Learners' own answer.*

#### Model answers

I would like to visit Machu Picchu because it is beautiful and the Intihuatana stone is very clever.



### QUIZ

Pages 30–31

- 1 b      2 a      3 c      4 a  
5 c      6 b      7 b      8 c