

Galileo, the father of modern science

11 Read about Galileo. Underline the correct answer.

- Galileo was born in Pisa / Rome.
- His father was a scientist / musician.
- He was a student / professor at the University of Pisa.
- He was the father to three / four children.
- His theory was the sun went round the Earth / the Earth went round the sun.
- He was at home / in prison when he died.
- In his final years, he couldn't see / hear.

12 Read the text again. Answer the questions.

- What nationality was Galileo?

- He was a physicist and a mathematician. What else was he?

- When was he born?

- Where was he a professor of mathematics and astronomy?

- Was he married?

- What could he see with his telescope?

- Why did some people think his ideas were dangerous?

and/but/so/because

13 Look at these words that join sentences.

I like Pete and I like his wife.
I like Pete, but I don't like his wife.
John's ill, so he's in bed.
He's in bed because he doesn't feel very well.

Join the sentences with *and*, *but*, *so*, or *because*.

- I can't cook, so my husband does all the cooking.
- Picasso's father was a painter _____ a professor of art.
- Picasso couldn't speak very well when he was little, _____ he could draw well.
- I work hard _____ I need to earn some extra money.
- I wasn't very hungry this morning. _____ I didn't have breakfast.
- Galileo was the father of three children, _____ he wasn't married to their mother.
- I like Rachel _____ she's funny and she makes me laugh.
- Galileo could see the planets Jupiter _____ Venus with his telescope.



Galileo Galilei was an Italian physicist, mathematician, astronomer, and philosopher. He was a brilliant scientist, and is often called 'the father of modern science'.

PERSONAL LIFE

Galileo was born in Pisa, Italy. He was the first of six children of Vincenzo Galilei and Giulia Ammannati. His father was a famous musician.

Galileo's early education was in a monastery. Later, at the University of Pisa, he was first a student of medicine, and then a student of mathematics. From 1592 to 1610 he was a professor of mathematics and astronomy at the University of Padua.

Galileo was the father of three children – two daughters and a son – but he wasn't married to their mother.

SCIENTIFIC LIFE

Galileo could make excellent telescopes, and with them he could see moons going round the planet Jupiter, and the planet Venus going round the sun.

At the time, the belief was that the Earth was the centre of our universe, and that the sun went round the Earth. Galileo's theory was that the sun was the centre, and the Earth moved round it.

THE LAST YEARS

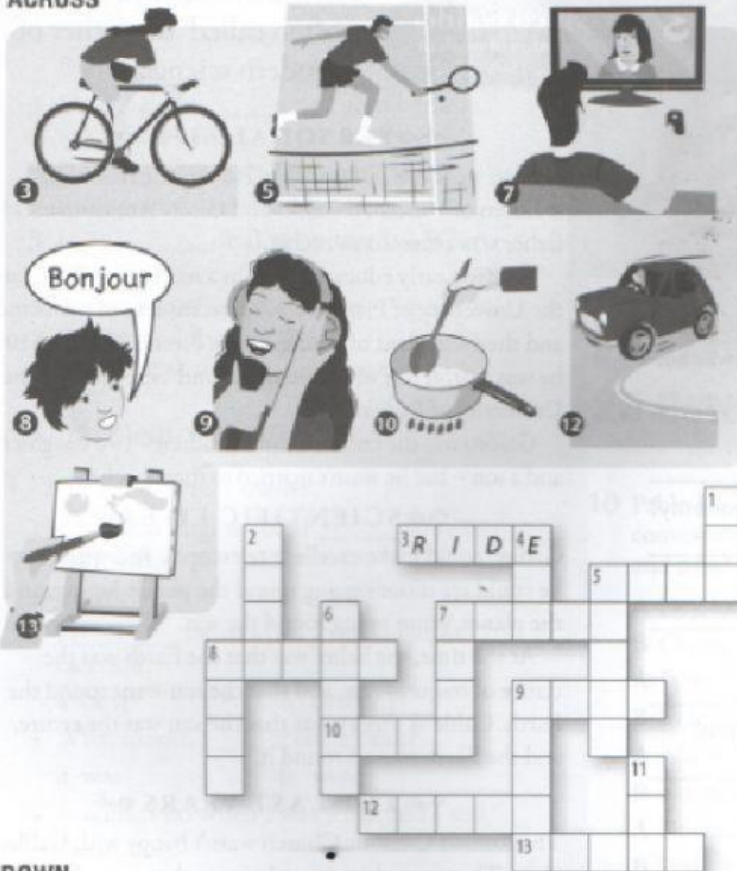
The Roman Catholic Church wasn't happy with Galileo's ideas. They were dangerous, because they were different from the ideas in the Bible.

In the last years of his life, Galileo was completely blind, and couldn't see anything. He died in his home in Florence in 1642. He was 77 years old.



1 Do the crossword. All the answers are verbs.

ACROSS



DOWN



2 Complete the sentences with verbs from the crossword in the correct form.

- I can speak three languages.
- I always waTV in the evening.
- Julie coodinner every night for her family.
- When I'm on holiday I always wa in the sea.
- Mike wa his bike to work because he likes the exercise.
- I'm a vegetarian. I do meat.
- I usually wa for eight hours a night.
- Theo can wa the guitar really well.

Noun + noun

3 Answer the questions with a noun + noun combination from the Student's Book page 56.

- 'Where do trains stop?'
'At a railway station.'
- 'Where can you buy petrol?'
'At a petrol station.'
- 'What do you wear when it's a sunny day?'
'A sun hat.'
- 'Where can you drive fast between one city and another?'
'On a motorway.'
- 'Where does a woman usually carry her purse, phone, keys ... ?'
'In her bag.'
- 'Where do you wait for a bus?'
'At a bus stop.'
- 'Where can you park your car?'
'In a parking space.'
- 'What do we call a woman who works in business?'
'A businesswoman.'
- 'What are the lights in the street that say 'Stop' and 'Go'?'
'A traffic light.'
- 'Where can you buy a book?'
'In a bookshop.'

Look at the pictures. Complete the conversations with the words and phrases from the boxes.

- 1 could you of course Can I
- A Hi! Can I help you?
 B A coffee, please.
 A Espresso? Cappuccino? Latte?
 B An espresso, please. And _____ give me some hot water as well?
 A _____. Take a seat.



- 2 could you of course could I
- C Excuse me! _____ ask you a question?
 D _____. What is it?
 C _____ tell me what 'yellow' means?
 D Yellow is a colour. The sun's yellow. Butter is yellow.
 C Ah, OK! Thanks.



- 3 the problem could you can I
- E Jamie! _____ ask you a favour?
 F Uh huh. What is it?
 E _____ help me with my computer?
 F What's _____?
 E I can't get online.
 F OK. Let's have a look.



- 4 can you could I can I have
- G Dad, _____ borrow the car tonight?
 H Mm ... all right. But it needs petrol.
 G OK. Er ... Dad, I don't have any money. _____ lend me some?
 H Is that lend or give?
 G I'll pay you back. I promise. _____ twenty pounds?



Underline the correct sentence.

- 1 a I don't can use a computer.
 b I can't use a computer.
- 2 a She can't speak English.
 b She no can speak English.
- 3 a Do you can play chess?
 b Can you play chess?
- 4 a They was on holiday in Spain.
 b They were on holiday in Spain.
- 5 a He can't cook at all.
 b He can cook at all.
- 6 a She can play the piano when she was five.
 b She could play the piano when she was five.

Vocabulary

Put the words in the correct column.

~~a bike~~ a marathon your homework
 the guitar a text an exam ~~a mile~~
 an email dinner the piano a horse
 a motorbike football a race a letter
 a cake housework chess ~~a noise~~
 cards

ride	run	send
a bike	a mile	a letter
make	do	play
a noise	housework	cards