

GRAMMAR

Relative Pronouns

IC GRAMMAR ANIMATION

People	He's the man who / that teaches us biology.
Things / Animals	Here is the microscope which / that I always use. Spiders are creatures which / that can climb very well.
Places	Laboratories are places where scientists do experiments.
Time	Winter is a time when many animals hibernate.

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- 1 Choose the correct relative pronoun. Then copy and complete the sentences with the words below.

water • plants • animals • Nobel • microscope
birds • June

- A microbe is an organism **which / when** you can't see without a
- Zoologists are people **where / who** study
- Deserts are places **when / where** there isn't much
- is the month **when / who** the days are the longest.
- Alfred Nobel was the person **who / which** started the Prize.
- In winter, many fly to southern countries **which / where** they can stay warm.
- Chlorophyll is the chemical **that / where** makes green.

- 2 Listen and check your answers to Exercise 1.

- 3 Copy and complete the sentences with relative pronouns. Then choose the correct answer.

- Mosquitoes are insects take blood from **flowers / people**.
- Benjamin Franklin / Albert Einstein** studied electricity at a time people didn't know much about it.
- Camels / Dolphins** can survive in areas there isn't much water.
- Paleontologists are scientists **create / study** the history of life.
- A telescope is an instrument people use to look at **stars / food**.

- 4 Match A to B to make true sentences. Add relative pronouns.

A

- The Nobel Prize is given to scientists
- A molecule is a combination of atoms
- Fish have got bodies
- The Arctic is an area
- The early 1900s was a time
- An environmentalist is a person
- Space is a place

B

- people started experimenting with flying machines
- help them travel in water.
- have done important work.
- there are very cold temperatures.
- stick together.
- there isn't much gravity.
- works to protect nature.



- 5 Complete the text with the correct relative pronouns. There may be more than one correct answer.

SHOOTING THE CLOUDS

China is a country ¹ has had many problems with drought in the past. To solve this problem and to help farmers ² need rain to grow food, they started 'seeding' clouds. Seeding is a process ³ is done by injecting the clouds with chemicals. The chemicals cause the raindrops in the clouds to become bigger, so the clouds release them and it rains. The government has got an 'army' of 37,000 people ⁴ are experts in this technology. These people go around the country and cause rain in places ⁵ people need it. The Chinese used the same technology to prevent rain before the Beijing Summer Olympics in August 2008. August is a month ⁶ it frequently rains in Beijing. The Chinese didn't want the weather to ruin an event ⁷ could make a lot of money for their country. So they decided to seed any rain clouds ⁸ came near the city – but this time, they used chemicals ⁹ made the raindrops smaller and prevented rain.



- 6 Combine the sentences with *who*, *which*, *where* or *when*. Make any necessary changes.

- Charles Darwin was a scientist. He is famous for his work on the theory of evolution.
- The discovery of fire was a major event. It changed history.
- July is a month. It never gets dark in Svalbard, Norway, in July.
- Oxygen is an important element. It helps us survive.
- Atoms are particles. You can't see without a microscope.
- The Amazon is a rainforest. You can find amazing plants there.



- 7 Write sentences with the words below and relative pronouns. Add any necessary words.

a laboratory • a ruler • the 21st century
a genius • carnivores • scientists

- measures things.
- eat meat.
- scientists work.
- do experiments.
- is very intelligent.
- science is advancing quickly.

1. A ruler is an item which / that measures things.

some / any Compounds

IC GRAMMAR ANIMATION

People	someone / anyone
Things / Animals	something / anything
Places	somewhere / anywhere

Watch Out!

Affirmative sentences usually use *some* compounds.
Negative and interrogative sentences usually use *any* compounds.

➔ Grammar Appendix, page 160

- 8 Copy and complete the sentences with the correct *some* or *any* compound.

- A solid is with mass and a shape.
- Has ever found life on the moon?
- He is with a lot of knowledge about chemistry.
- Do butterflies fly near the sun?
- He tried to use the microscope, but he couldn't see
- Most polar bears live in the Arctic Circle.

- 9 Copy and complete the sentences with *some* or *any* compounds and relative pronouns.

- A chemist is someone who studies chemicals.
- A mutation is happens accidentally.
- There isn't knows more about nature than Charles.
- He analysed the water, but he didn't find could make people ill.
- A library is you can find information you need.

Grammar in ACTION!

Tell your partner about yourself by completing the sentences below. Use relative pronouns.

- I enjoy days
- I don't eat anything
- I never go to shops
- I've never met anyone
- I don't like animals

I enjoy days when I can get up late.

➔ Grammar Extension, page 179