

Grade 5

Module 6

Time for science

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STUDENT CHARACTER



6

Time for Science

Quiz:

melon	(n)	شمام
dark	(adj)	مظلم
Light	(adj)	مشرق
Planet	(n)	كوكب
Earth	(n)	أرض
nature	(n)	طبيعة
Life	(n)	حياة

Top stars:

space	(n)	فضاء
moon	(n)	قمر
astronaut	(n)	رائد فضاء
Painter	(n)	رسام
engineer	(n)	مهندس
mechanic	(n)	ميكانيكي
Fix	(v)	يصلح

our world :

glue	(n)	لصق
fry	(v)	يقلل
slice	(n)	شريحة
inventor	(n)	مخترع
Popular	(adj)	رائج / منتشر

Let's talk :

dentist	(n)	طبيب أسنان
Journalist	(n)	صحفي
information	(n)	معلومات
result	(n)	نتيجة

Reading time :

Fence	(n)	سياج
green house	(n)	صوبت / مشتل خضار
Scream	(v)	يهرج
strange	(adj)	غريب

clil

amount	(n)	كمية
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Grammar:

« who , which = that »

« where »

1] Relative Pronouns مبتدأ، مفعول

1] who / that الذي / التي تقول مكان فاعل عاقل

- Ali is the athlete who win the race
- This is Ahmed. who is a doctor
- I saw the man who is a teacher

2] which / that الذي / التي لغير عاقل

- milk is something which / that we use to make ice cream.

- cheetah is the animal which / that can run very fast

- > This is the table which / that I study on.

3] where

نقدم للإشارة إلى المكان :

- a school is the place where teachers work.

- This is the restaurant where I ate last night.

- This is the company where I work

1



melon



dark



light



planet

Earth



nature

life

- 2 Can you guess the answers to the riddles? Read and find out. Then listen and check your answers with a partner.

LOOK!

It's something which/that we use to make ice cream.



Colour Riddles!

1

It's a colour which you can find in nature. There are lots of things that are this colour. For example, some plants, vegetables or insects.

2

It's the first colour that a baby can see. Cherries, strawberries and tomatoes are this colour.

3

It's the colour of the sea, oceans and lakes. It's the colour of the sky, too. It can sometimes be dark or light.

4

It's the colour of a very big star which gives life to planet Earth. There is also some fruit that is this colour. For example, lemons and some melons.

5

This is a colour which you sometimes see in the sky. It's the colour of milk and polar bears.

6

Yellow and red make this colour. It is also the name of a fruit that we use to make juice. Carrots are this colour, too!

- 3 What can you remember? Play a game with your partner.

you can find in fruit like bananas or lemons
you can find in fruit like cherries and strawberries
you see in the sky
you can find in nature

It's a colour which/that you can find in fruit like bananas or lemons.

Yellow.

Look!

Pablo Picasso was the painter **who/that** painted *Guernica*.

3 Read again and write.

- Leonardo da Vinci was the _____ who painted the *Mona Lisa*.
- John Alcock and Arthur Brown were the first pilots who _____ the Atlantic Ocean without stopping.
- Neil Armstrong was the first astronaut who _____ on the moon.
- Alya gave Amal the _____.

4 Listen to the descriptions of the people and match them to the correct occupation. Check your answers with a partner.



- teacher ☐
- mechanic ☐
- pilot ☐
- astronaut ☐



5 Match and say.

- pilot ☐
- teacher ☐
- farmer ☐
- painter ☐
- doctor ☐
- mechanic ☐
- author ☐

- help / ill people
- fix / cars
- teach / students
- make / paintings
- write / books
- grow / vegetables
- fly / planes

A pilot is someone who flies planes.



LOOK!

Spencer Silver was working at a company **where** he was trying to make a strong glue.
George Crum was working in a hotel restaurant **where** he made the first crisps.

4 Read again and answer the questions.

- Who invented Post-it® notes?
- What did Spencer Silver want to make?
- What was Arthur Fry's idea?
- When did George Crum invent crisps?
- Why did the man send back his chips?
- What did George Crum put on the man's crisps?

5 Listen to the descriptions and write (1-3). There is one extra picture. Check your answers with a partner.



Tip!

Remember to make sure you understand the steps to complete the task. Ask your teacher or a classmate.

6 Read the information, guess and match the information (A-H) to the people and places (1-8). Then ask and answer questions with your partner.

- | | | | |
|----------------------|----------------------------|------------------------------|--------------------------|
| 1. Percy Spencer | <input type="checkbox"/> C | 5. Purple island | <input type="checkbox"/> |
| 2. Charles Dickens | <input type="checkbox"/> | 6. Al Shahaniya | <input type="checkbox"/> |
| 3. Leonardo da Vinci | <input type="checkbox"/> | 7. Souq Waqif | <input type="checkbox"/> |
| 4. The Pearl Qatar | <input type="checkbox"/> | 8. The museum of Islamic Art | <input type="checkbox"/> |

- | | |
|---|---|
| A. museum / can see beautiful vases and carpets from the past | E. painter / painted / Mona Lisa |
| B. place / can shop expensive clothes | F. author / wrote / 'Oliver Twist' |
| C. engineer / invented / microwave oven | G. place / can see flamingos and shells |
| D. place / can watch camel races every winter | H. cultural bazaar / can buy traditional products |

Who is Percy Spencer?

Percy Spencer is the engineer who invented the microwave oven.

Relative Pronouns Exercise

1. This is the town I spent my childhood.

where

that

which

2. This is the town in I spent my childhood.

where

which

that

3. This is the house I was born in.

where

which

Either could be used here

4. Here is an article might interest you.

it

which

which it

5. I gave her a bag she put in her bag at once.

which

which it

it

6. This is Alice you met last year.

whom

that

Either could be used here

7. I was impressed by the way she did it.

which

in which

how

8. They got divorced a few months later surprised nobody.

that

what

which

9. The people live next door are not very friendly.

who

that

Either could be used here

10. The only thing matters is to find our way home.

which

that

Either could be used here

11. The woman I marry should have good sense of humor.

who

whom

Either could be used here

12. She was loved by the people with
she worked.

who

that

whom

Answers

1. This is the town **where** I spent my childhood.
2. This is the town **in which** I spent my childhood.
3. This is the house **that / which** I was born in.
4. Here is an article **which / that** might interest you.
5. I gave her a bag **which** she put in her bag at once.
6. This is Alice **whom** you met last year.
7. I was impressed by the way **in which** she did it.
8. They got divorced a few months later **which** surprised nobody.
9. The people **who** live next door are not very friendly.
10. The only thing **that** matters is to find our way home.
11. The woman **who / whom** I marry should have good sense of humor.
12. She was loved by the people **with whom** she worked.

Who vs. That vs. Which

For the following exercises, complete the sentence with either **who**, **that**, or **which**.

1. The painting _____ was hanging over the fireplace was one of Monet's finest works.
2. The student _____ received an F felt the test was unfair and petitioned to the university president.
3. Tina would not admit _____ she was wrong.
4. The World War II painting consisted of presidents killing men instead of soldiers, _____ caused a lot of controversy.
5. Professor Tomero, _____ teaches a Sociology class, was out sick this week.
6. Kim Kardashian's obsession with fur and leather has increased world-wide sales, _____ has led animal rights advocates to protest.
7. The politician _____ wore the blue suit shouted angrily at the mayor.
8. The vase of roses _____ were on my dining room table shattered when I knocked into the table.
9. The movie _____ Jesse and I saw last night was three hours long.
10. Tina Fey, _____ was one of the hosts on Saturday Night Live, will be presenting at the Oscars.
11. The ASC, _____ helps students with reading and writing, will be closed on Fridays this semester.



1 Listen and say. 🔊

/ɑ:/

jar



far

/ɔ:/

horse



orca



/ə/

brother



jumper



2 Listen and say. Then underline the /ɔ:/ sounds with red, the /ɑ:/ sounds with blue and the /ə/ sounds with yellow. Check your answers with a partner. 🔊



Our farm

This is my brother
with the yellow jumper.

He's in our car
With his friend, Peter.

This is our farm
We've got forty horses,
Camels, goats and cats
And twenty-four ducks.

3 Look, say and circle. 🔍



/ɔ:/ /ɑ:/



/ɔ:/ /ɑ:/



/ɔ:/ /ə/



/ɔ:/ /ɑ:/



/ɔ:/ /ɑ:/



/ə/ /ɑ:/

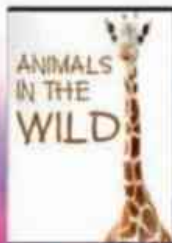
- 1 Look at the text below. Where can you find a text like this?
Read and find out.



Write the name of the documentary.

Documentaries you must watch!

Describe what it is about.



The Asian Elephant



Elephants live in Africa, but they also live in Asia. Are they the same? No, they aren't! Watch this documentary and learn more about these beautiful animals!

Sea Life



Do you like dolphins or sharks? Where do they live? What do they eat? Watch this documentary and find out more about animals that live in the sea.

Write the name of the book.

Books you must read!

Describe what it is about.



Leonardo da Vinci



Was he an artist, an engineer or an inventor? He painted the *Mona Lisa*, but he also invented many things. Read this book and find out more about his life.

Thomas Edison



He's the man who invented the electric light bulb. Where was he from? What do you know about his life? Read and find out!

Writing tip



- Use **but** to introduce an idea that adds something to or is different from what you have said before.
e.g. Elephants live in Africa, **but** they also live in Asia.
- Use **or** to introduce another possibility.
e.g. Was he an artist **or** an inventor?

1 Complete the sentences. Use **but** and **or**.

1. I remembered to lock the door, _____ I left my keys in the car!
2. What would you like? Orange juice _____ lemonade?
3. It is really hot! Wear a hat _____ sit under an umbrella.
4. Peter is good at sports, _____ his brother Max is good at board games.

2 Answer the questions.

1. What's the name of the documentary you suggest? _____

2. What is it about? _____

3. What can you learn from it? _____

4. What's the name of the book you suggest? _____

5. What is it about? _____

6. What can you learn from it? _____

3 Write a suggestion for a documentary and a book for your web page.
Use the information in activity 2. Draw pictures.

Name of the documentary:



Name of the book:



Listening

1 Listen to the dialogues and tick (✓). Check your answers with a partner. 🔊

1 Where is Jake looking for information?	 A <input type="checkbox"/>	 B <input type="checkbox"/>	 C <input type="checkbox"/>
2 What does the man in the documentary do?	 A <input type="checkbox"/>	 B <input type="checkbox"/>	 C <input type="checkbox"/>
3 What is the man talking about?	 A <input type="checkbox"/>	 B <input type="checkbox"/>	 C <input type="checkbox"/>

Speaking

2 Make sentences and play a guessing game. Use **who** / **which** / **where** / **that**. 🗣️

someone / paints portraits
 something / you use to cut bread
 something / you use to make chocolate
 something / you have for breakfast
 someone / fixes cars
 place / teacher works
 place / astronaut explores

space
 mechanic
 painter
 school
 cereal
 cocoa bean
 knife

It's someone who paints portraits.

It's a painter!

Go to p. 162 for the Now I can... section.