

Sequence 03 :

Me and the scientific world

Situation 1 : Initial situation

Example: we celebrate the “Knowledge Day” in Algeria, on the 16th of April. Your teacher of English asked you to write **biographical information** about a famous **scientist** to be published in your school magazine.

Do you know this person ?



My full name is William Henry Gates. I was born in Seattle, Washington,USA on October 28,1955. I am the middle child. My father was a lawyer, and my mother was a teacher before she had kids. I have an older sister, Kristi, and a younger sister, Libby.

When I was 13, my parents sent me to the Lakeside preparatory school. It was at Lakeside where I met my future business partner Paul Allen. He also was introduced to computers at Lakeside. After graduating from high school in 1973, I joined Harvard University. At first, I planned to study as a lawyer, but I continued to spend much of my time on computers. When the Altair personal computer came out in 1974, Allen and I decided we could write a BASIC software to run on the computer.

Full name : William Henry Gates.

Date of birth : October 28,1955

Place of birth : Seattle, Washington,USA

Father's occupation : lawyer

Mother's occupation : teacher

Primary school : Lakeside preparatory school

High school : /

University : Harvard University

Name of company : Microsoft

Occupation : Owner of Microsoft

In 1975, I dropped out from Harvard University to start a software company with Paul Allen called Microsoft. The company was doing well, but it was in 1980 that I made a deal with IBM that would change computing. I sold the software to IBM for a fee of \$50.000. Soon, Microsoft was the operating system in a large percentage of computers around the world. Over the next few years, I introduced new programs like word and excel. In 1986, I took Microsoft public and I was the richest man in the world.

Task :

My partner : What is your name ?

Me (Bill Gates) : My name is Bill Gates.

My partner : When and where were you born?

Me (Bill Gates) : I was born in Seattle, Washington, USA on October 28, 1955.

My partner : What was your father's occupation ?

Me (Bill Gates) : He was a lawyer.

My partner : When did you graduate from high school ?

Me (Bill Gates) : I graduated from high school in 1973.

My partner : Where did you study after graduation ?

Me (Bill Gates) : After graduation, I studied at Harvard University.

My partner : What is your company's name?

Me (Bill Gates) : My company's name is Microsoft.



Memory card



Smart card



USB drive



**chip
(Microchip)**



Play station

Great scientists :

Isaak Newton : ابحث عن معلومات حوله:

Albert Einstein : ابحث عن معلومات حوله:

Ibn El Heithem : ابحث عن معلومات حوله:

Thomas Edison : ابحث عن معلومات حوله:

Marie Curie : ابحث عن معلومات حوله:

Charles Darwin : ابحث عن معلومات حوله:

The past continuous

S+was/were + stem+ing

Example : To play

(I/he/she/it) **was playing** football yesterday.

(You/we/they) **were playing** football yesterday.

- نستعمل **past continuous** للكلام عن حدث كان مستمرا في الماضي (حدث طويل)
أمثلة أخرى :

- **I was studying** maths last night.
- **I was having** dinner at the restaurant with my friends.
- **We were having** dinner at 20 :30.

استثناءات حول إضافة الـ ing

- اذا كان الفعل ينتهي بالحرف **e** فاننا نحذف الحرف **e** ثم نضيف **ing**.

Examples : To have → I was having

To take → I was taking

- اذا كان الفعل ينتهي بالتسلسل التالي **consonant+vowel+consonant** فإننا نضاعف الحرف الأخير للفعل قبل إضافة الـ **ing**

Examples : to stop → I was stopping

To dig → I was digging

simultaneous actions

(Past continuous+past continuous)

Examples:

I **was working** on the application of laser technology to microelectronics **while** I **was living** in Japan.

I **was listening** to music **while** my brother **was watching** TV.

My mother **was preparing** dinner **while** my father **was watching** TV.

While my mother **was preparing** dinner, my father **was watching** TV.

- نربط بين جملتين كانتا تحدثان في نفس الوقت في الماضي باستعمال كلمة الربط **while**

- يمكن استعمال **while** في أول الجملة أو في الوسط : عند كتابة **while** في بداية الجملة فإننا نستعمل الفاصلة بين الجملتين.

Task: put the verbs in the right form:

1- **While** we (**to have**) **were having** lunch, my brother (**to sleep**) **was sleeping**.

2- It (**to rain**) **was raining** **while** we (**to play**) **were playing** together.

3- The teacher (**to explain**) **was explaining** the lesson **while** pupils (**to listen**) **were listening** to him.

4- **While** Adem (**to play**) **was playning** , it (**to snow**) **was snowing**.

The past continuous : the 03 forms

1- Affirmative : S + was/were + stem+ing..... .

Example : She **was reading** a book.

They **were playing** outside.

2- Negative : S + was/were+ **not** + stem+ing

Examples : She **wasn't** reading a book. (was not = wasn't)

They **weren't** playing outside. (were not = weren't)

3- Interrogative :

A- Yes/No questions : Was/Were + S + stem+ing..... ?

Examples :

1- **Was** she **reading** a book ?

→ **Yes**, she **was**. / **No**, she **wasn't**.

2- **Were** they **playing** outside ?

→ **Yes**, they **were**. / **No**, they **weren't**.

B- Wh questions : 'Wh' + was/were + S + stem+ing..... ?

Examples :

1- **What** **was** she **reading**?

→ She **was reading** a **book**.

2- **What** **were** they **playing** ?

→ They **were playing** **football**.

Example :

1) What **was** your sister **doing** while you **were revising** your lessons ?

Relative pronouns **who** and **which** :

• نستعمل **who** للدلالة على الأشخاص و نستعمل **which** للدلالة على الأشياء و الحيوانات.

1.

a- Bourouis is an Algerian scientist.

b- **Bourouis** invented a smart shirt.

→ Bourouis is an Algerian scientist **who** invented a smart shirt.

2.

a- El Qanoun of Medecine is a **book**.

b- **This book** was written by Ibn Sina.

→ El Qanoun of Medecine is a book **which** was written by Ibn Sina.

3.

a- **Alkhawarizmi** was born in 780.

b- **He** is called the father of algorithm.

→ **Alkhawarizmi** **who** was born in 780, is called the father of algorithm.

4.

a- **Belkacem Haba** lives in USA.

b- **He** is from the city of El Oued.

→ Belkacem Haba **who** lives in USA, is from the city of El Oued.

5.

a- Google is a technology **company**.

b- **This company** has many applications and services.

→ Google is a technology company **which** has many applications and services.

6.

a- **The computer** was invented in 1974.

b- **The computer** is an important tool.

→ **The computer** **which** was invented in 1974, is an important tool.

إذا وقعت الكلمة المكررة في أول الجملة الأولى فإننا نكتب **who/which** بعدها مباشرة و إذا وقعت في آخر الجملة الأولى فإننا نكتب **who/which** وسط الجملة.

Pronunciation of sounds /f/ and /v/ :

/f/	/v/
F ast	V ery
R oof	L ive
L ife	N ever
O ff	S urvive
P hone	N ervy
P hilosophy	V ast
L augh	S ave
R ough	o f