

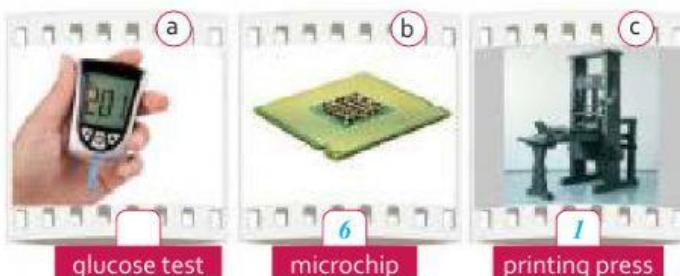


## Lesson 1

# A Changing World



1. Work with a classmate and number these inventions in chronological order. Then listen and check.



glucose test

microchip

printing press



penicillin



electric system



motor car



2. Listen to the lecture again and complete the chart below.

WHO	WHAT	WHERE	WHEN
a. <i>Johannes Gutenberg</i>	<i>the printing press</i>	<i>Germany</i>	<i>1440</i>
b.		United States	
c. <i>Karl Benz</i>			
d.			<i>1928</i>
e. <i>Helen Murray Free</i>		United States	
f. <i>Robert Noyce and Jack Kilby</i>	<i>the microchip</i>		<i>1957</i>

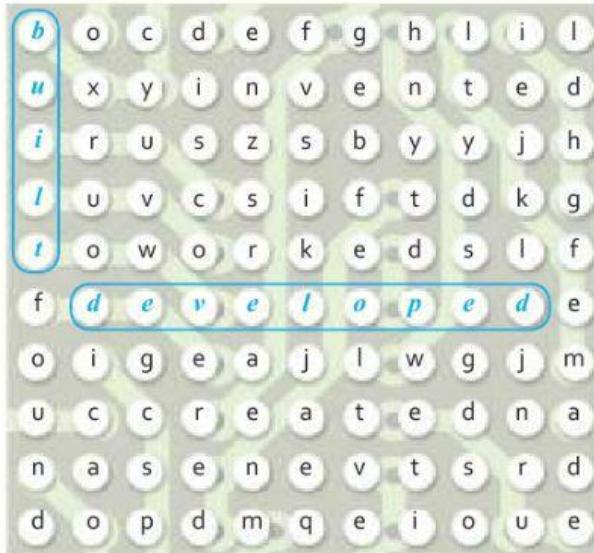
### Listening Strategy

Use **Wh** words such as *who*, *what*, *where*, *when* and *why* as a guide to listen for information related to people, actions, places, events, reasons and purposes.

**Key Expressions** Under one's belt: in one's possession or experience

3. Look for some of the verbs from the listening in the Word Search and complete the Simple Past tense list. Then complete the grammar chart on the following page.

Simple Present	Simple Past
a. build	<u>built</u>
b. invent	
c. discover	
d. create	
e. develop	<u>developed</u>
f. work	
g. make	
h. find	



## Reflect on Grammar

Question Word (Wh)	Auxiliary Verb	Subject	Main Verb (base form)	Complement	Answer
Who (subject, doer)			invented	the printing press?	Johannes Gutenberg invented the printing press.
What (object, action)	did	Karl Benz			Karl Benz invented the motor car.
Where (place)	did	Fleming		?	
When (time)		Thomas Alva Edison		the electric lighting system?	
Why (reasons and purpose)			work	on the electric lighting system?	To make it efficient for humanity.

## 4. Write the wh-questions for the following answers. Pay attention to the colored words.

a. When *did Louis Braille invent his code for the blind* ? Louis Braille invented his code for the blind *in 1829*.

b. Who ? *Alexander Graham Bell* invented the telephone.

c. Where ? John Baird invented the television *in England*.

d. When ? The Wright Brothers made *the first successful airplane*.

e. Why ? *To help patients fight diabetes*.

## 5. Ask and answer wh-questions about these inventors and their inventions. Work with a partner.

George Eastman

"Randi" Altschul

Tim Berners-Lee

Bette Nesmith Graham

John Pemberton

camera  
1888, USAdisposable cell-phone  
1999, USAWorld Wide Web  
1989, Switzerlandliquid paper  
1956, USACoca-Cola  
1886, USA

Where?

Why?

Who developed the World Wide Web?

Tim Berners-Lee developed the World Wide Web.

When?

What?

## Project Stage 1

- Get together in groups. Select an inventor or invention you think is interesting to know about.

- Find relevant information and share it with your partners.

E.g. Bette Nesmith invented Liquid Paper in 1956.





## Lesson 2

# Creative Ideas in History



1. Listen to the dialog and fill in the blanks with the Simple Past tense form of the verbs. Use the Word Bank. Then complete the grammar chart below.



### Key Expressions

Come across: to find something or meet someone by chance

**Emma:** Did you do the history homework?

**John:** Yes, I did. I loved it! I found (a) some very interesting information.

**Emma:** What did you find?

**John:** I found (b) that man invented, created or discovered things. For example, I think Immanuel Nobel invented (c) dynamite.

**Emma:** No, he didn't. His son, Alfred Nobel, did. And did you make any discovery?

**John:** I made some. For example, humans discovered (d) agriculture in many regions of the world at about the same time.

**Emma:** And did you come across anything that man created?

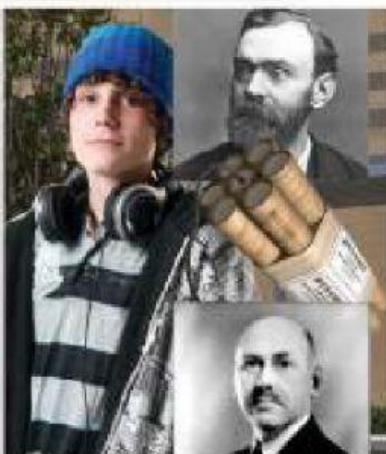
**John:** The rocket.

**Emma:** Who created (e) it?

**John:** Robert Hutchins Goddard created the rocket in the United States in 1926.

### Word Bank

• invent • create • discover • find (2)



### Pronunciation

/t/ asked

/d/ discovered

/ɪd/ created

Reflect on Grammar				
Auxiliary Verb	Subject	Main Verb (base form)	Complement	Short Answer
	you	do	the history homework?	Yes, I did.
	Immanuel Nobel	discover	dynamite?	
		create	agriculture?	
	John Pemberton		rockets?	
			liquid paper?	

2. Work with a partner. Your partner selects an inventor, and you guess his/her name by asking yes/no questions. Take turns asking and answering questions.

Did \_\_\_\_\_ invent/create/ develop \_\_\_\_\_?



3. Complete this encyclopedia entry with the verbs in the Simple Past tense form. Use the Word Bank and the pictures to help you. Then complete the grammar chart below.

Home

About

Support

Contact

Services

Careers



Mark Zuckerberg (1984- ), **Facebook co-creator**, was a student at Harvard University. He  **worked** on a social network site with some college roommates. They  **created** (a) a website called **Facebook®**. The site  (b) people to communicate through different types of files such as pictures and messages. Zuckerberg  (c) college to work in his company. The site  (d) very big, and today it has more than 550 million users. **Facebook®**  **attracted** (e) other companies that wanted to do business online.

### Word Bank

- work
- grow
- help
- create
- attract
- leave

### Vocabulary Strategy

Associate images with words to facilitate word recognition and retention.

### Reflect on Grammar

**Past Tense verbs** indicate that events or conditions **began** and **ended** in the past.

Subject	+	Action	+	Complement
I		<b>found</b>		<b>very interesting information.</b>
They				<b>a website called Facebook.</b>

**Affirmative Ideas**  
 Robert H. Goddard **created** rockets.  
 Zuckerberg **left** college to work in his company.

**Negative Ideas**  
 Zuckerberg **didn't** finish college.  
 Immanuel Nobel **left** dynamite.

Time Expressions
yesterday
<b>last</b> week
month
year
four days <b>ago</b>
1980

\* Pay attention to the **base form** of the verb in negative sentences.

4. Read the following statements. Correct them in affirmative or negative form.

- John Pemberton didn't invent Coca-Cola.
- Bette Nesmith invented the disposable cell phone.
- Karl Benz invented the cell phone.
- Thomas Alva Edison created rockets.
- Mark Zuckerberg did not leave college early.

*John Pemberton invented Coca-Cola*

*Mark Zuckerberg left college early*

### Project Stage 2

- Determine the most relevant information about the inventor or invention.
- Think about the purpose or reasons for the invention.

E.g. Zuckerberg created Facebook to help people communicate.