



## Lesson 1

# A Changing World



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

 (a)	 (b)	 (c)	 (d)	 (e)	 (f)
glucose test	microchip	printing press	penicillin	electric system	motor car

### Listening Strategy

Pay attention to specific dates to determine the chronological order of events.



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

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

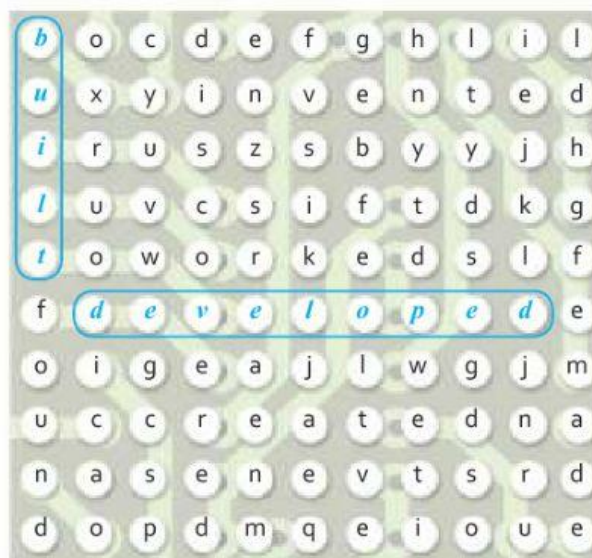
### Listening Strategy

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	<i>built</i>
b. invent	
c. discover	
d. create	
e. develop	<i>developed</i>
f. work	
g. make	
h. find	





## Reflect on Grammar

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

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

- When did Louis Braille invent his code for the blind ? Louis Braille invented his code for the blind **in 1829**.
- Who ? **Alexander Graham Bell** invented the telephone.
- Where ? John Baird invented the television **in England**.
- ? The Wright Brothers made **the first successful airplane**.
- ? **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, USA



disposable cell-phone  
1999, USA



World Wide Web  
1989, Switzerland



liquid paper  
1956, USA



Coca-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.