



Lesson 1

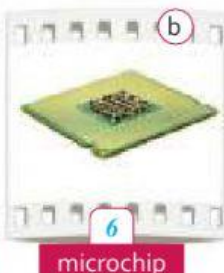
A Changing World



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

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

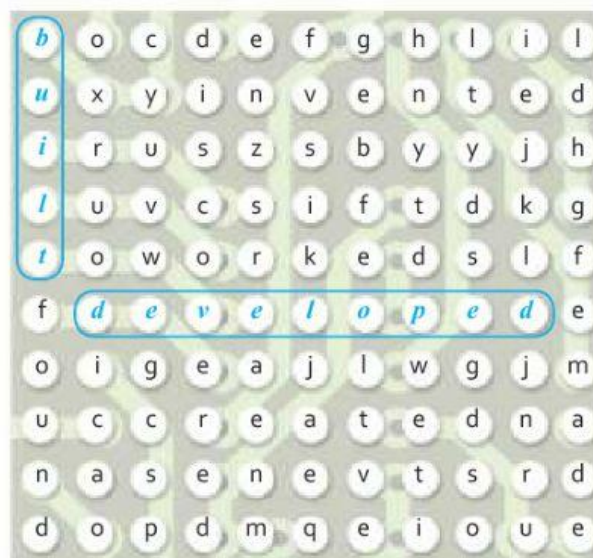
Listening Strategy

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)			invented	the printing press?	Johannes Gutenberg invented the printing press.
What (object, action)	did	Karl Benz			Karl Benz invented <i>the motor car</i> .
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.

- 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, 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.