Computer Software

In this unit you are going to learn about

- different types of software

Lesson 1
Warm- up

What is software?

With your partner, decide what the word 'software' means.

'Software' means: _____

Information Box Computer Software :

1-System software: *Programs that allow the hardware to run properly. Example: operating systems.*

2-Application software: *Programs that allow the user to do specific tasks. Example: spread sheets.*

Activity 1:

Look at the twelve computer terms below. Copy them into either 'System Software' or 'Application Software'.

Linux	sound	Win98	anti-virus	web-browser	MacOS
games	Java	WinXP	word-processing	graphics	Win7

System software

_____

_____

Application software

_____

_____

Activity 2:

First look at the picture. Then do 1 and 2 below.

body

heart

brain
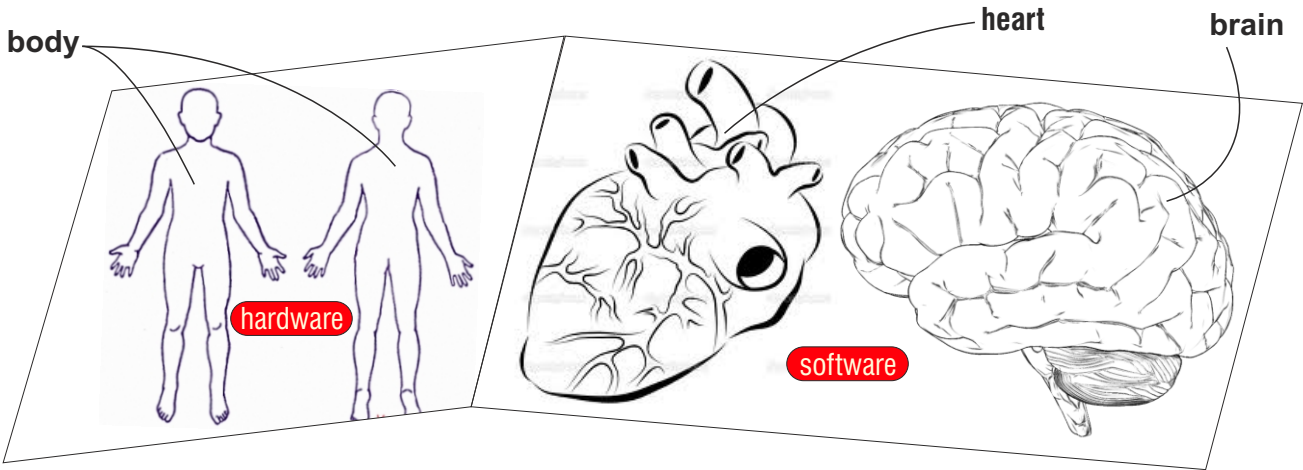
hardware

software

1. What is the main difference between computer hardware and software?

Computer hardware is _____

2. Write three examples of software under each heading.

Application Software
○
○
○

System Software
○
○
○

Activity 3:

Classify the hardware and software items by putting a tick(✓) in the correct column.

Name of item	Computer hardware	Computer software
operating system		
scanner		
webcam		
word-processor		
web-browser		
mouse		
spread-sheet		
DVD		
laser printer		
CD-ROM		
web-design		
database		
virus checker		
keyboard		

How is software used in the three places below.

1. at school: for ....

2. at home: for ....
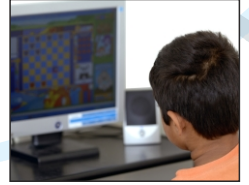
3. in cars: for ....

Lesson 2

Activity 1a:

Who is the man in the photo? What do you know about him?

This is _____ .

He _____

_____

_____ .

He is known as the king of _____ .

Activity 1b:

Look at the words below and find their Turkish meanings.

launched: _____   chairman: _____   attended: _____

graduated: _____   affected: _____   licensed: _____

Read the text below.

Have you ever heard of Bill Gates before? He is the chairman of Microsoft. He is a really hardworking, brilliant, and disciplined person. He was born in 1955. He attended Lakeside School in Seattle at the age of thirteen. In 1968, he started programming with one of his friends, Paul Allen. After he graduated from Lakeside School, he went to Harvard, but he left there early at the age of twenty-one. Then he moved to Albuquerque to work with Paul Allen on BASIC for Altair. In 1975, they named their company Microsoft.

In 1977, Apple introduced the first true personal computer and Microsoft licensed BASIC to Apple. Between 1985 and 1993 Bill and Paul produced lots of Windows versions. In 1995, Windows 95 was launched. By 1995 Windows became the most popular operating system in the world. In this way Bill Gates has affected the lives of billions of people.

Activity 1d:

What are the two most interesting things in the above text?
Write them below, in your own words.

Lesson 3
Activity 1:

The pictures below show cars now and in the past. Decide on four major differences between old and new cars.

old car | new car

1
2
3
4
5

Activity 2a:

First read the text. Then look at the list below and tick (✓) the words you see in the text. Cross (X) the words you don't see.

	ABS ( )
voice control ( )	gears ( )
CD-player ( )	ignition ( )
airbag ( )	GPS ( )
automatic doors ( )	manual doors ( )
navigation ( )	wiper ( )
seat-belt ( )	hand-brake ( )
wheel ( )	indicator ( )
head-light ( )	air-conditioner ( )

Software and Cars

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In old cars, there was no computer technology. Just thirty years ago, software was first deployed in cars to control the engine and the ignition. Software has different functions, but in general it helps to make cars safer, easier to drive and maintain and more comfortable. We are all familiar with airbags or the anti-block brake systems (ABS).

Voice control is another example of software, which makes a huge difference to the driving experience. It allows the driver to control several functions of the car using voice commands.

Some countries (such as the USA and Japan) are developing new technology to allow drivers to relax and let the car drive itself.

In the future most cars will be able to function using cloud computing services through the internet. Cars will have new features and services, so they can avoid traffic jams, bad weather conditions and bad roads.

Gloss (Turkish)

avoid	:	*kaçınmak*
command	:	*komut*
deploy	:	*yayılmak*
familiar with	:	*aşina olmak*

Activity 2b:

Read the text 'Software and Cars' again Write five advantages of new car software.

1 It helps to
2 It helps to
3 It allows
4 It will allow
5 It will help us to

Look at the ten pictures above and write their Turkish meanings below.

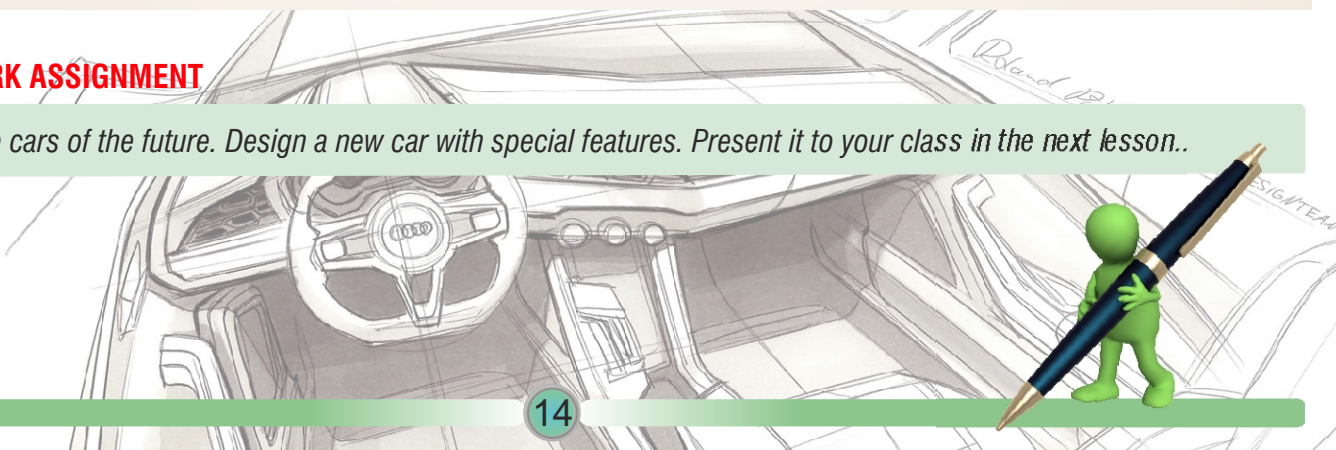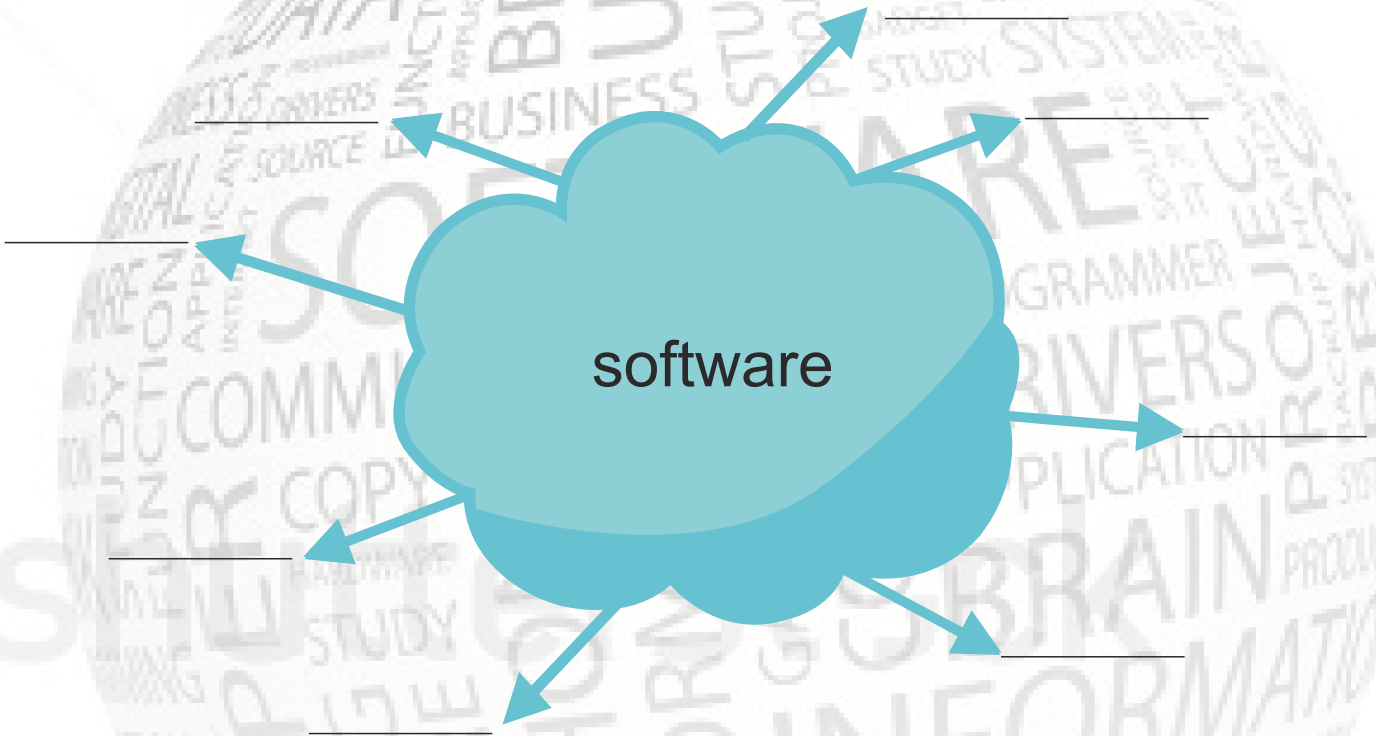| English	Turkish
voice control	
gears	
airbag	
cloud computing system	
ABS	
CD-player	
ignition	
automatic doors	
navigation	
GPS	

HOMEWORK ASSIGNMENT

Imagine the cars of the future. Design a new car with special features. Present it to your class in the next lesson..

Self-Assessment

A. Look at the mind map below. Write the words you know about different types of software.

software

B. Look at the words below. Tick (✓) the ones that are about software.

module-2	BASİC	Pascal	Delphi
Prolog	Windows98	APS	ICON
COBOL	Excel sed	HTML	C++
games	Java	graphics	Visual

C. Now, write down the types of the software in check.

Java

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