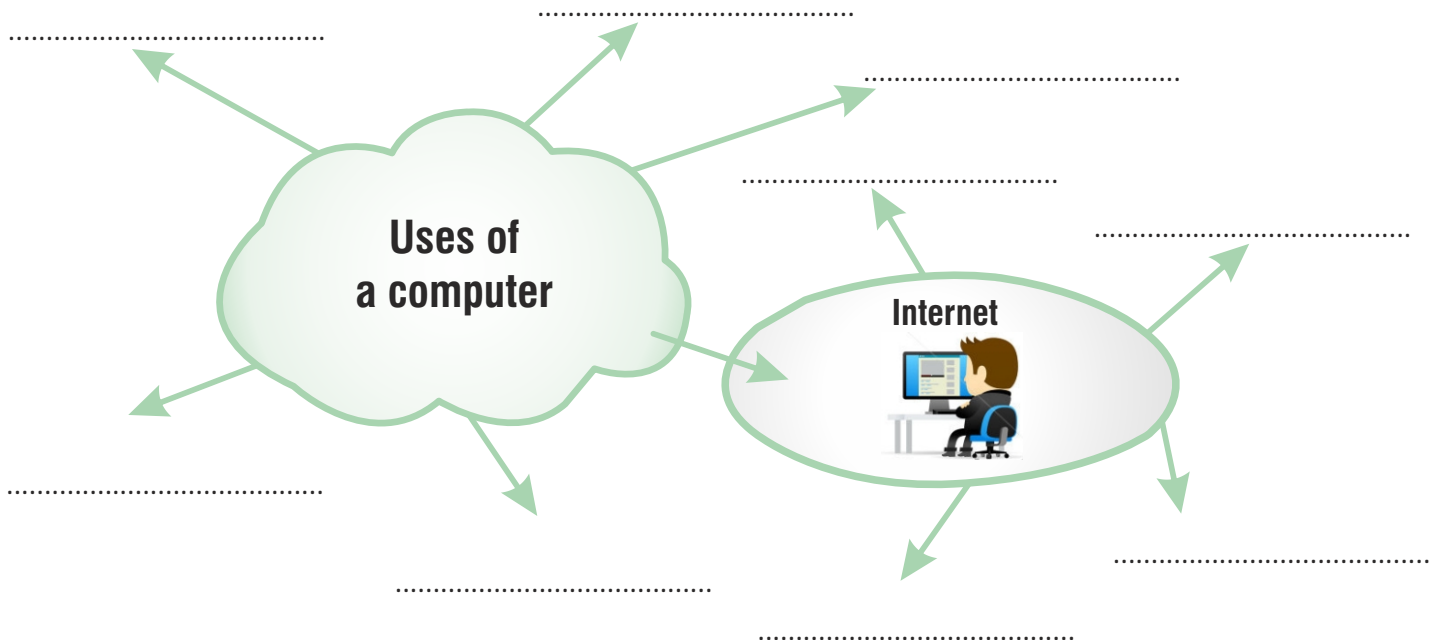# Computers

In this unit you are going to learn about

● computers   ● computer hardware   ● computer software

Warm-Up

Look at the mind map and write your answers.

....

....

....

....

....

**Uses of
a computer**

Internet

....

....

....

....

....

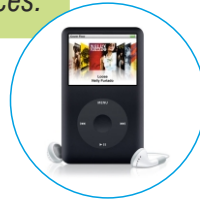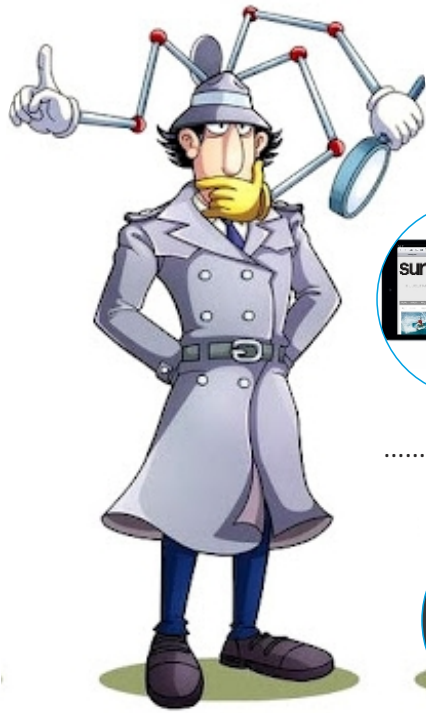the first personal computer

Did you know?

1. The first computer was produced in 1948?

2. The ancestor of computer is the abacus?

3. The first computer was as big as a room?

4. The first mouse was used in 1964?

Look at the words and pictures. Write down the names of the devices.

....

....

....

....

....

....

....

....

Activity 1b

Answer the following questions. Write your answers in the spaces below.

1. Look at the word cloud above and the pictures around it. List the devices do you use in your daily lives?

_____   _____   _____   _____

2. Which one do you think is the most useful? Why?

_____   Because: _____

3. Do you use any of them for your school work? If yes, which?

 YES/NO _____   _____   _____   _____

4. How much time per week do you spend on computers? What do you usually use them for?

_____ hrs per week. I use them for _____

Activity 2

Look at the mind map below and write as many words as fast as you can.

_____

_____

_____

Types of computers

_____

_____

_____

_____
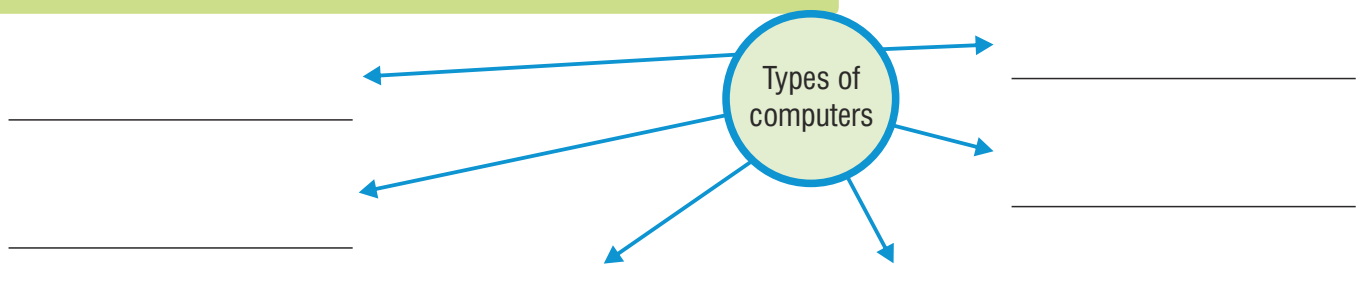
INFORMATION BOX

Many people think that the Internet and World Wide Web are the same thing. In fact the two terms are different but related.

THE INTERNET is a massive network of smaller networks. It connects millions of computers together globally.

THE WORLD WIDE WEB is a way of accessing information over the medium of the Internet. It's an information – sharing model that is built on top of the Internet.

Activity 3

Read the sentences about computer hardware and then decide whether they are TRUE (T) or FALSE (F).

01	A memory stick is used for connecting to the internet	_____
02	A speaker is used for listening	_____
03	A mouse is used for recording information	_____
04	A keyboard is used for entering text and characters	_____
05	A printer is used for drawing images	_____
06	A screen or monitor is used for showing information from the computer	_____
07	A scanner copies images and documents.	_____
08	A webcam is used for recording information.	_____
09	A modem is used for connecting to the Internet.	_____

Activity 4

Match the types of computers (1-3) with the qualities (a-c) on the right. Use arrows.

1 PC

2 Laptop

3 Netbook

4 Tablet

a a computer that you can put on your knees.

b a general-purpose computer with separate monitor, keyboard, mouse.

c a small hand-held computer with a touch screen.

d see below.

TABLET PC

Technology has been developing rapidly. For example tablet PCs. What is a tablet PC? Some say it is a computer and some say it is a mobile phone. The truth is, it is both a mobile phone and a computer. As a mobile phone, you can speak with it. As a personal computer, you can surf the net, listen to music, take photos, read your e-mails, and write your business reports.

The problem is, it is unaffordable for most people. The battery life is really short and the tablet PC may make people less social and more remote or distant from each other.

Rapidly-hızlı bir şekilde   **Affordable**-bütceye uygun

Activity 5

Match the names of the devices with the pictures.

printer

webcam

mouse

microphone

speaker

screen

scanner

monitor

keyboard

memory stick

touchpad

touch screen

memory card

remote control

Fill in the gaps with the letters a-e-i-o-u to make computer related words.

k_yb_ _rd
m_ _s_
sp_ _k_ rs
h_rdd_sk
l_pt_p
sc_nn_r
m_n_tr
pr_nt_r
w_bc_m
m_m_ryst_ck
t_ _ ch p_d

Activity 7

Match the images of the icons and commands with their meanings.

open save cut print close paste copy
scroll insert table click find clear crop

1   2   3   4   5   6   7
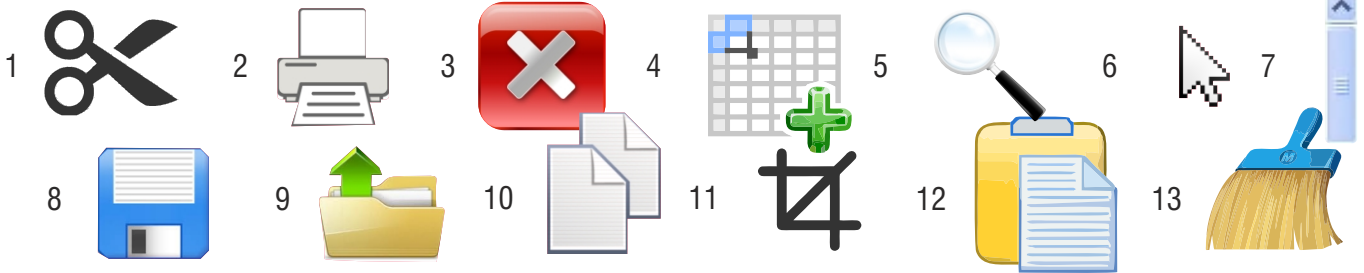
8   9   10   11   12   13

1 ——— 2 ——— 3 ——— 4 ——— 5 ——— 6 ———

7 ——— 8 ——— 9 ——— 10 ——— 11 ——— 12 ——— 13 ———

Activity 8

Match the software words with the explanations.

Internet   word-processing   data-base   website   graphics   program   World Wide Web   e-mail   spreadsheet
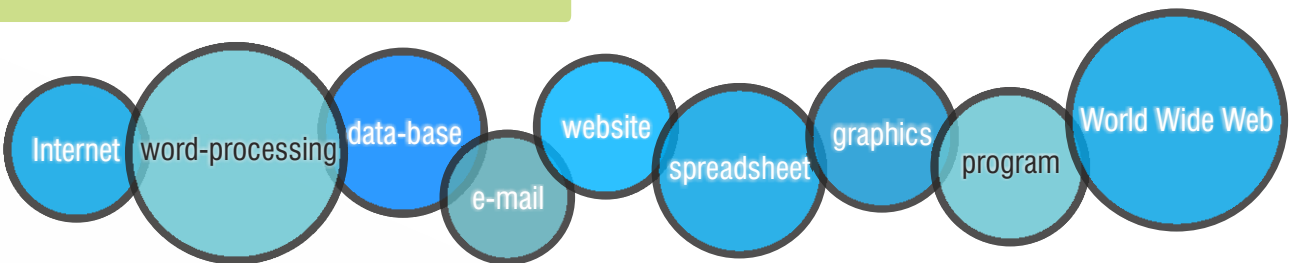
a. see comment P1 typing documents such as letters or reports   _____
b. a program used to display numbers and other information in a grid   _____
c. a program which can store and allow processing of a large amount of information   _____
d. computer pictures and images   _____
e. a system of sending messages between computers through the phone network   _____
f. the system that connects computers through telephone lines all over the world   _____
g. internet sites containing text, graphics and sound with links to each other   _____
h. web pages published on the Internet by a person or organisation   _____
i. a set of instructions written in a programming language   _____

Activity 9

Write the 8 words on the right words under the correct column.

Hardware	Software
_____	_____
_____	_____
_____	_____

printer spreadsheet
program cable monitor
database
screen internet

Warm-Up

Do you know these icons? What do they mean?

COREL DRAW
PHOTOSHOP

VS

_____   _____

Activity 10

Look at the photoshop toolbar below. Which ones you know? Write the Turkish names in the spaces.

Photoshop File Edit Image Layer Select Filter View Window Help

Warp: Custom Bend: 0.0 % H: 0.0 % V: 0.0 %

monterey_28_bg_110400.psd @ 100% (Layer 1, RGB/8#)

Beetle.JPG @ 33.3% (Layer 1, Gray/8#)
Beetle.JPG @ 33.3% (Layer 1, Gray/8#) Untitled-1 @ 66.7% (RGB/8)

Adobe online

100% Doc: 1.37M/2.51M

Note: Check and complete your answers from the Photoshop toolbar at the end of the unit.

THE TOOLBOX

Graphics programs usually have a toolbox- a collection of drawing and tools that enable you to type, draw, paint, edit, move, and view images on the computer.
The basic shapes which are used to...... graphical objects are called primitives. These are usually geometric,such as lines between two points, arcs, circles, polygons, ellipses and even text. Furthermore, you can specify the attributes of each primitive, such as its colours, line type, fill area, interior style and so on.
The various tools in a toolbox usually appear together as pop-up icons in a menu or palette. To use one, you activate it by .... on it. For example, if you want to.... a rectangle, you activate the rectangle tool, and the pop-u options give you the possibility of ..... rectangles with square or rounded corners.
You can transform an object by translating, rotating or scaling it. Translation means moving an object to a different location.
Rotation is .... the object around an axis. For example, you may need to rotate an object 90 or 180 degrees to fit the drawing. Scaling is making the object larger or smaller.

DID YOU KNOW?

While it took the radio 38 years, and the television 13 years, it took the World Wide Web www only four years to reach 50 million users.

The first computer mouse was invented by Doug Engelbart in around 1964, and was made of wood.

	Adobe Onlie		
Marquee Tool (M)		Move Tool (V)	
Lasso Tool (L)		Magic Wand Tool (W)	
Crop Tool (C)		Slice Tool (K)	
Healing Brush (J)		Brush Tool (B)	
Clone Stamp Tool (S)		History Brush Tool (Y)	
Eraser Tool (E)		Gradient Tool (G)	
Blur Tool (R)		Sponge Tool (O)	
Direct Selection Tool (A)		Type Tool (T)	
Pen Tool (P)		Rectangle Tool (U)	
Notes Tool (N)		Eyedropper Tool (I)	
Hand Tool (H)		Zoom Tool (Z)	
Foreground Color		Switch Colors (X)	
Default Colors (D)		Background Color	
Standard Mode (Q)		Quick Mask Mode (Q)	
Screen Modes (F)			
Switch to ImageReady			

CorelDRAW X4 - [Graphic1]

File   Edit   View   Layout   Arrange   Effects   Bitmaps   Text   Table

Letter

Pick Tool - Selects and transforms objects
Shape Tool - Shapes objects
Zoom Tool - Changes the viewing window
Pencil Tool - Draws lines and curves
Rectangle Tool - Draws rectangles and squares
Ellipse Tool - Draws ellipses and circles
Text Tool - Creates text
Outline Tool - sets outline attributes
Fill tool - Sets fill attributes

1 of 1   Page 1

(6.188 , 12.634)   Next click for Drag/Scale; Second click for Rotate/Skew; Dbl-clicking tool se