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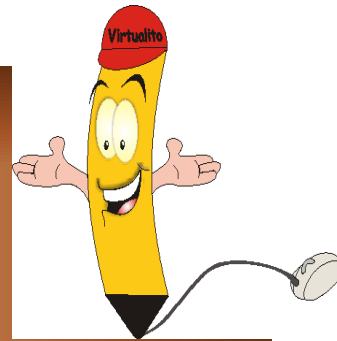




# UNIT 3 TOPICS

## TOPICS

- What Windows gives us
- Taskbar
- Screen Saver
- Desktop
- Calendar
- Clock



## COMPETENCES AND ACHIEVEMENT INDICATORS

### CONCEPTUAL ACHIEVEMENT

Recognizes different Windows Tools such as the Desk, Start Button and Icons

### PROCEDIMENTAL ACHIEVEMENT

- Explores the Windows Desk
- Works with windows and operates the buttons to open and shut programmes
- Uses the tasks bar to access different programmes
- Applies and designs different desktops
- Sets the clock and the calendar

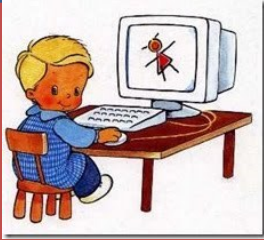
### ATTITUDINAL ACHIEVEMENT

Shows a positive attitude when developing activities

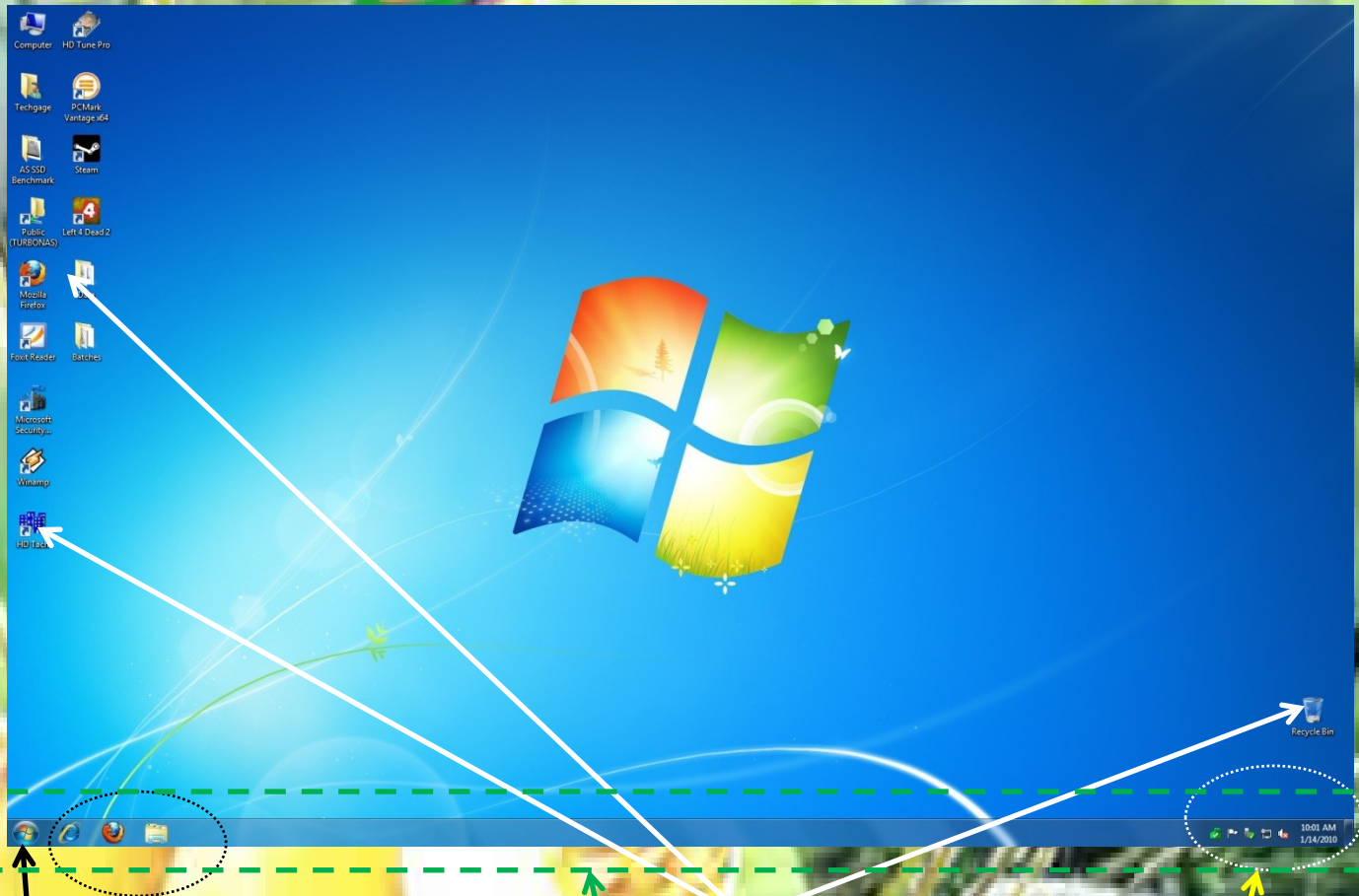
You should know that

The Desktop workspace is the first thing you see on the screen





# MAIN SCREEN OR DESKTOP



Quick lunch area

Icons

START button

Taskbar

Information area (Tray)

All interaction between Operating System and User is shown on desktop



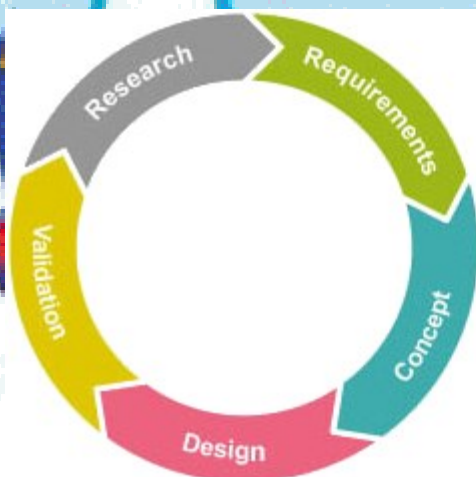
# WINDOWS USES WINDOWS!

Interface in computer science – this is a way, a form of interaction with hardware or software. This is a general idea, so there exist interfaces for programs how they interact, or interfaces how hardware devices are connected and work together.

Interaction between human and computer can be seen from two points of view:

- Like a special case of general Interface idea
- or
- Independent field of the human-machine interaction

To avoid long phrases an interaction between human and computer is simply called User Interface.



## UI DESIGN

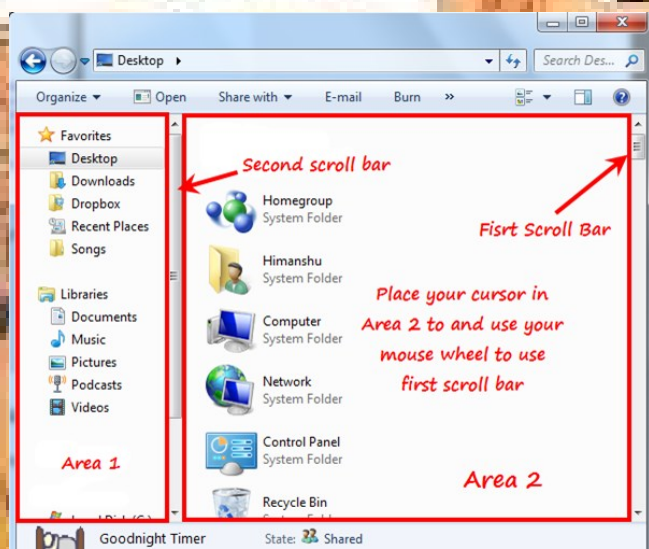
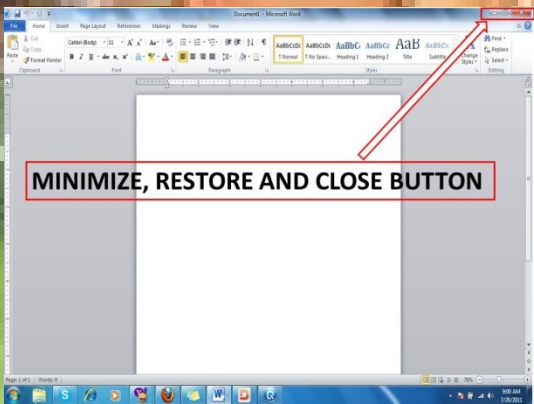
RESEARCH  
REQUIREMENTS  
CONCEPT  
DESIGN  
VALIDATION





# WHAT IS A WINDOW?

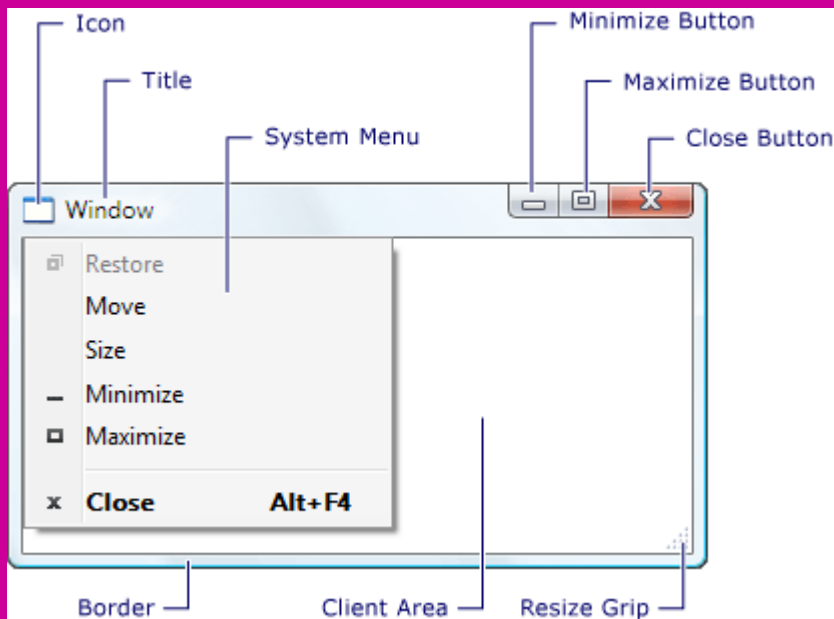
A window is a part of the screen where computer shows you information. Also you can write your own data. Window has several standard elements







To work in a window it should be active.  
When there are two or more windows opened the active window is always visible on the screen on top of the others



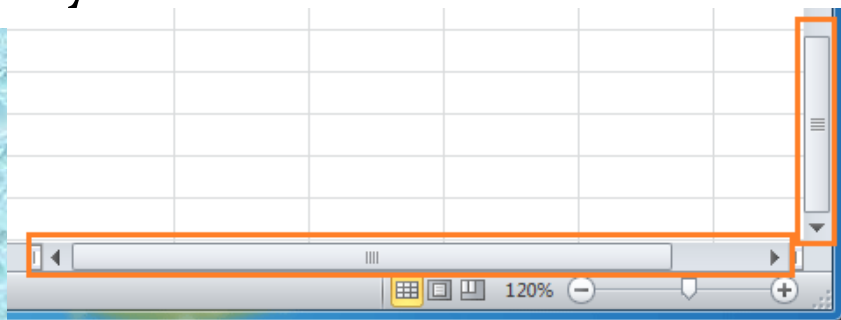
A window can be minimised and it can be closed when you click “X” button.  
Window has a title and the left-top button gives access to basic operations to change on-screen presentation, size and location.



## Changing a window size

Moving pointer to window borders or corners you will see that cursor changes, becoming double directed arrow. Pressing main button (click and hold it) you can start moving the mouse, seeing how the size of the window changes.

If after resizing window becomes too small to show all content (information in the window), the Scrolling Bar(s) will appear on the right to move (scroll) windows contents vertically (moving to the beginning or to the end of information) or/and below to scroll horizontally to show the content on the left and the right sides. The actual visible size of the elements inside the window is not changed, unless the program working in this window can scale the content size automatically.



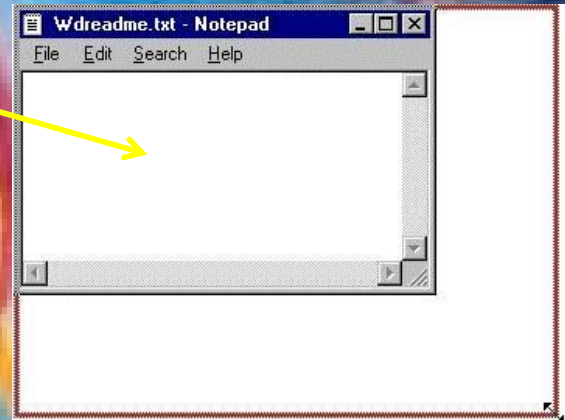




## Switching to another window

To switch between windows you must **click** on the top of the window with its title. The title bar of the active window will be highlighted or will change its color.

If you need to choose invisible window, hidden behind the others, press **ALT + TAB** on the keyboard simultaneously. Release the **TAB** key, still holding **ALT** pressed.



The list of icons representing running programs with opened windows will appear.



6.831 - User Interface Design and Implementation ...

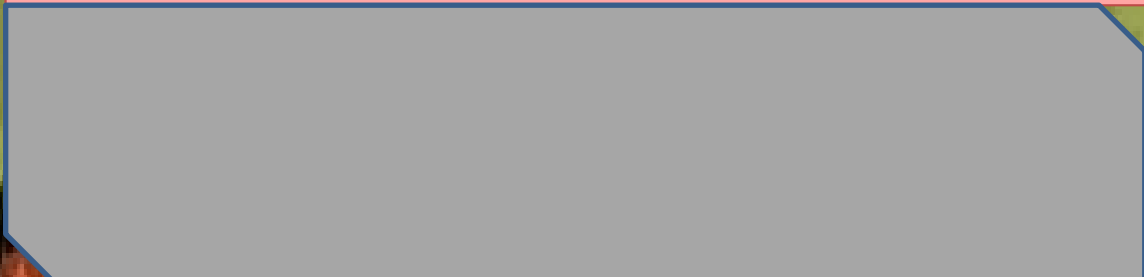
Holding **ALT** key pressed and pressing **TAB** key you will be able to select required window. Release key now and desired window will be activated appearing in the front of another windows.





# WINDOWS USE

Please look these important videos and practice how to use desktop, taskbar and windows.





# TASKS BAR

WHAT  
EXACTLY  
THE  
TASKBAR  
DOES?

It is the horizontal  
bar at the bottom of  
Windows screen

It contains the  
information area  
(tray)

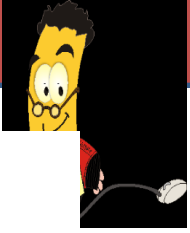
It holds **START**  
button and buttons to  
launch selected  
applications quickly

Running  
programs with  
opened  
windows also  
are there

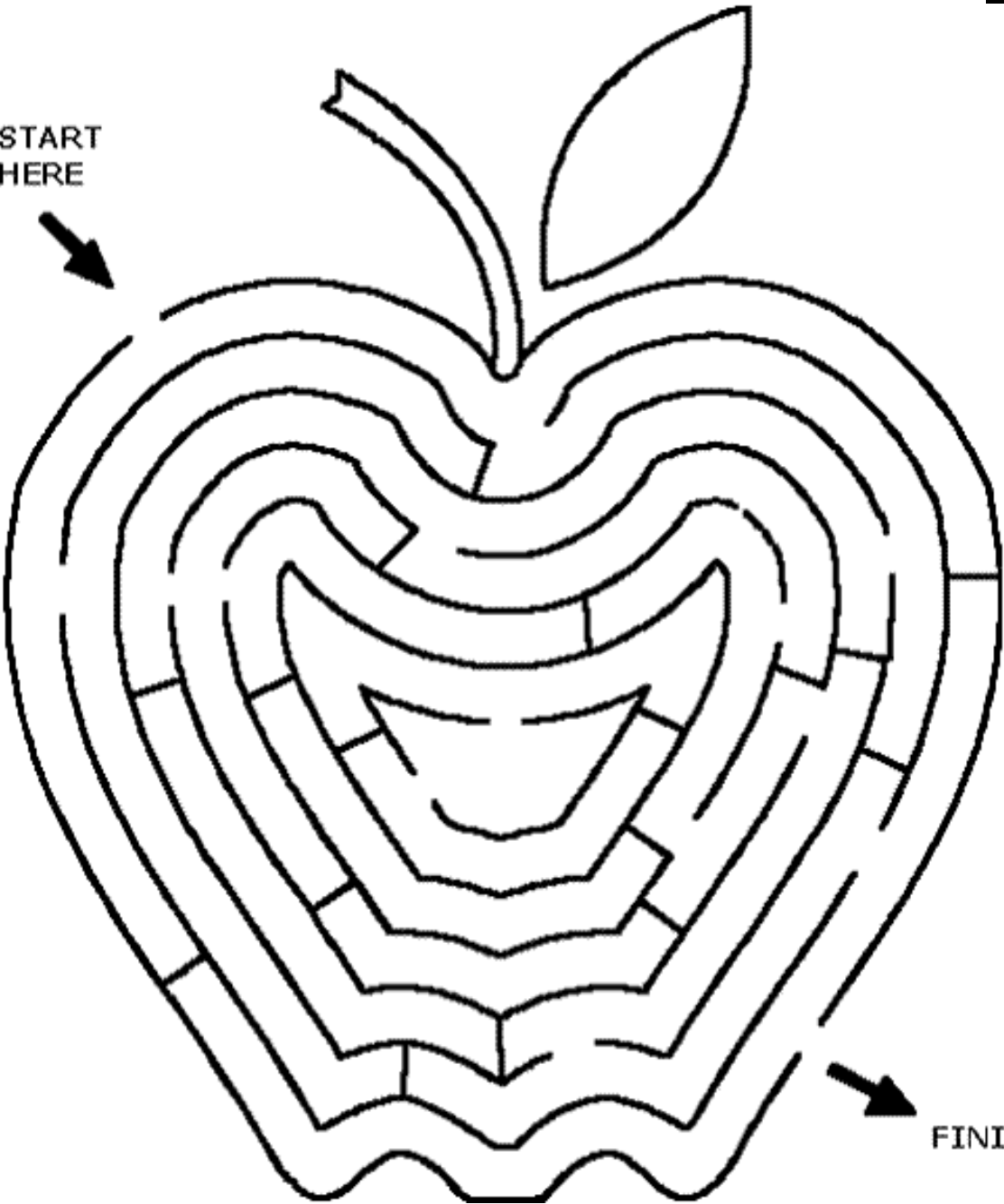




# ACTIVITY 1



START  
HERE



FINISH



## ACTIVITY 2



**WINDOW is a space where computer interacts with user**

**Desktop is used like an ordinary desk with things on it**

**Choose TRUE or FALSE**

**FALSE ↔ TRUE ↔**

**Desktop can have only one active window**

**Double click on icon selects object**

**Window can be closed only using a mouse**

**All icons on desktop are programs**



# ACTIVITY 3



Where the taskbar is located on the screen?

**On the left side**

**On the right side**

**At the top**

**At the bottom**



Place the arrow next to the right answer





# *SCREEN SAVER, DESKTOP, CALENDAR AND CLOCK*

The screen saver hides information when the user leaves computer unattended for a while



It also saves screen from extra wear and saves energy when the computer is not used for a long time

THE DESKTOP is the workplace on the screen where the icons are placed and windows appear

CLOCK, CALENDAR AND OTHER SMALL USEFULL PROGRAMS CALLED GADGETS OR WIDGETS CAN BE PLACED ON DESKTOP



ICONS TO RUN PROGRAMS FAST ALSO COULD BE PLACED IN THE TASKBAR



# HOW TO SET UP THE SCREEN SAVER AND MANAGE DESKTOP?

Pay attention to these videos and try to change how the screen of your computer looks when you work with it and when you live it alone for awhile.

<http://www.youtube.com/watch?v=kuXPk1Qfw60>

<http://www.youtube.com/watch?v=UyLEwMudVho>

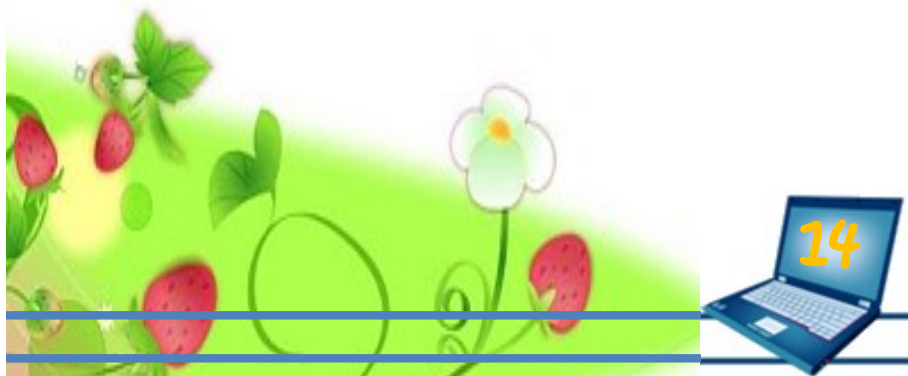
<http://www.youtube.com/watch?v=KdaASJehKng>

Learn also how to make some useful adjustments transforming your workplace in something really personal, comfortable and attractive

<http://www.youtube.com/watch?v=0KRSDTYK5x4>

<http://www.youtube.com/watch?v=36Qcg0CyEB4>

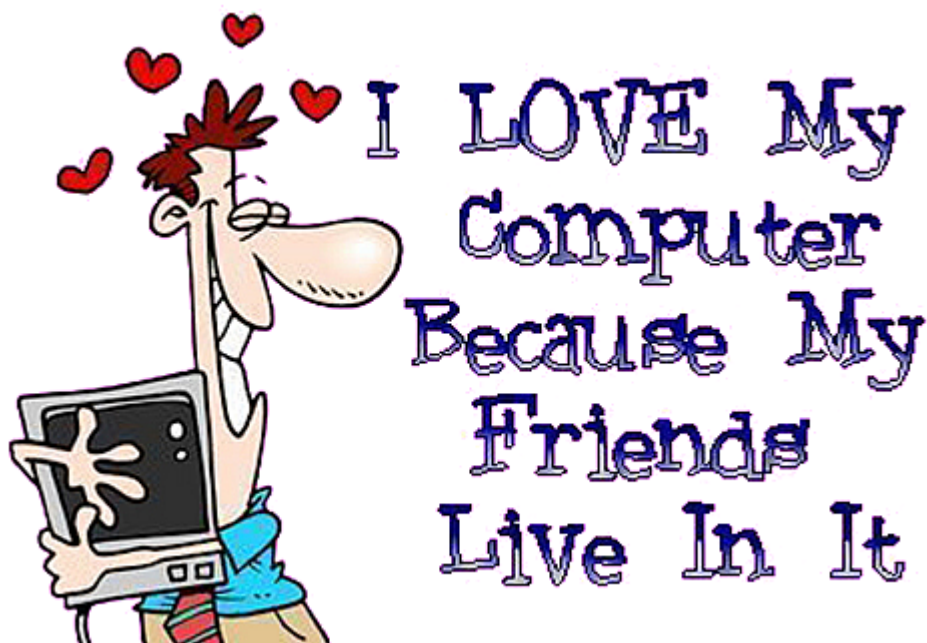
<http://www.youtube.com/watch?v=3RRIPpMfYEE>





# RECOMMENDATIONS

WE SHOULD BE CAREFUL WHEN USING THE SOCIAL NETWORKS



**TECHNOLOGY COULD BE RISKY**



THE DANGER OF OVERSHARING



WHY DON'T WE  
SURF THE  
INTERNET?

NOT NOW, I'D RATHER  
PREFER TO PLAY WITH  
MY FRIENDS

I WOULD LIKE TO  
PLAY TOO.





## ACTIVITY 4

# SOLVE THE WORDSEARCH PUZZLE

D	Z	K	T	U	W	K	A	T	M	M	G	D
O	Y	Z	R	R	I	S	D	O	I	W	Q	N
Y	B	H	A	Z	K	E	U	W	N	M	H	G
P	C	N	H	U	B	S	H	Z	I	M	E	N
F	L	X	B	N	E	E	V	I	M	U	I	Y
I	Z	I	Y	O	E	Q	F	C	I	N	M	O
B	F	A	J	A	U	C	M	L	Z	D	S	S
T	I	P	H	O	R	O	J	O	E	T	U	C
D	W	Y	I	M	M	T	A	S	K	B	A	R
U	N	I	C	L	O	C	K	E	V	Q	O	E
L	X	F	O	S	M	T	R	A	T	S	G	E
Y	W	I	N	D	O	W	M	R	O	V	Q	N
F	H	N	Y	P	G	Q	R	J	N	M	M	E

CLOCK

ICON

SCREEN

TIME

CLOSE

MINIMIZE

START

TRAY

DESKTOP

MOUSE

TASKBAR

WINDOW







THE BASIS OF OUR LIVES IS CREATED IN THE CHILDHOOD

STUDYING WILL HELP US IN THE FUTURE

LET'S LEARN GOOD, IMPORTANT AND INTERESTING THINGS

