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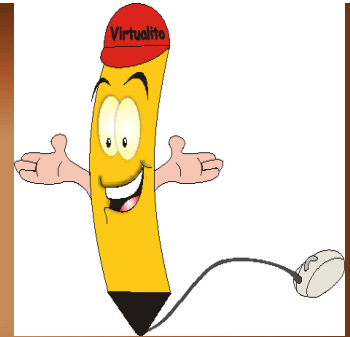




# UNIT 4 TOPICS

## TOPICS

- Running Paint
- Paint Tools
- Color Bar
- Drawings in Paint
- Virus and Malware



## COMPETENCES AND ACHIEVEMENT INDICATORS

### CONCEPTUAL ACHIEVEMENTS

Recognizes the different Paint Tools

### PROCEDIMENTAL ACHIEVEMENTS

Access paint properly

Colors Paint drawings

Create and saves Paint drawings

Understand danger of computer viruses and malware

### ATTITUDINAL ACHIEVEMENTS

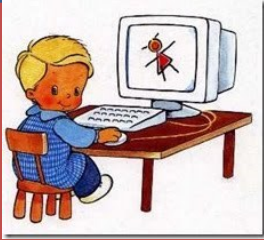
Values others work.

You should know that



**PAINT IS A PROGRAMM USED TO  
CREATE AND EDIT DRAWINGS**





# HOW TO START PAINT

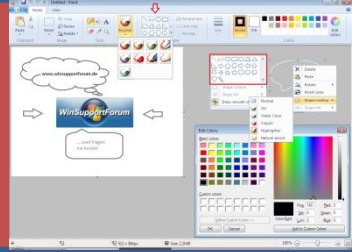
CLICK ON  
START

CLICK ON  
ALL PROGRAMS

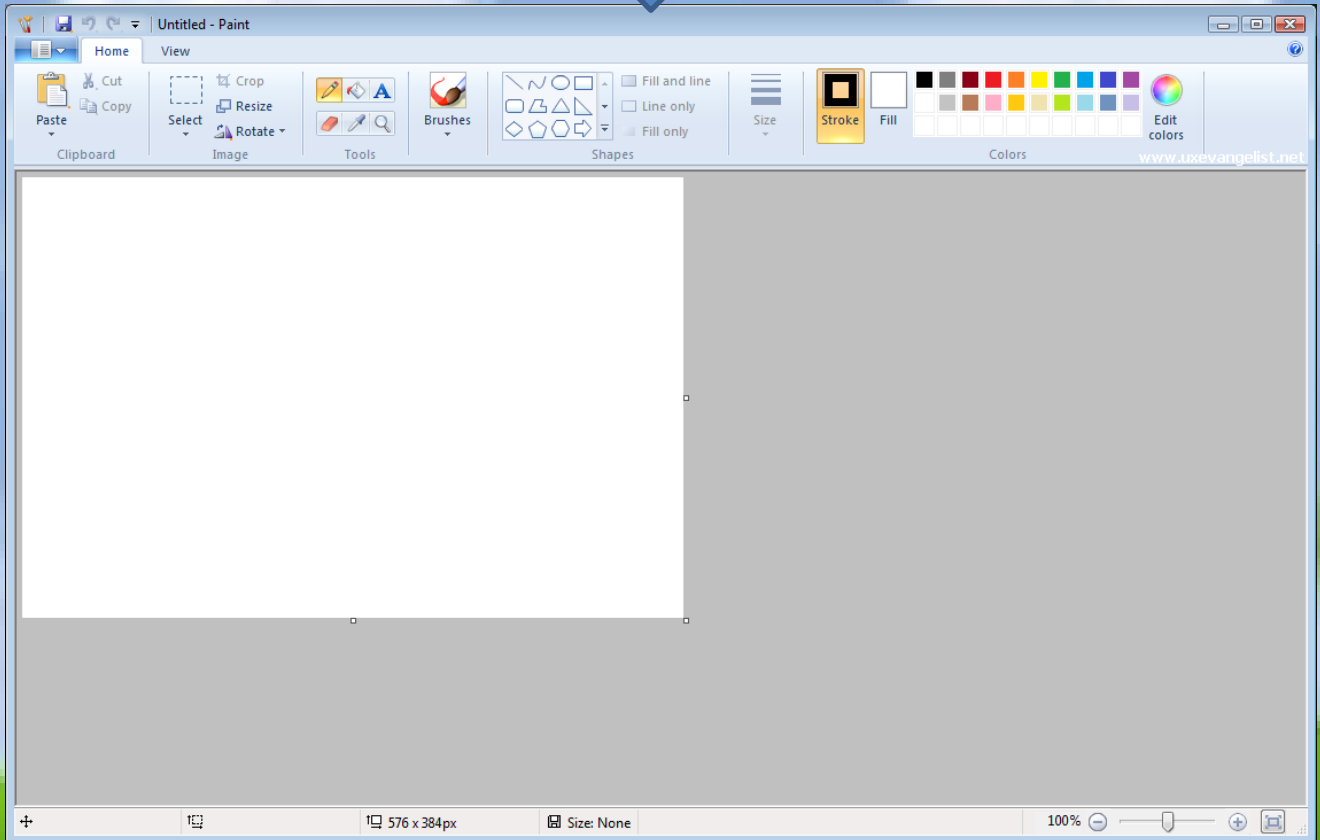
CLICK ON

CLICK ON  
PAINT





## PAINT in Windows 7 has changed

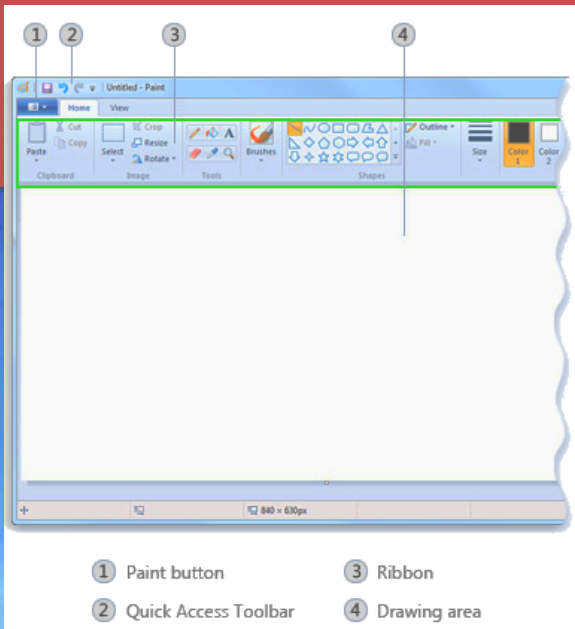


All Toolbars now are located at the top of the window

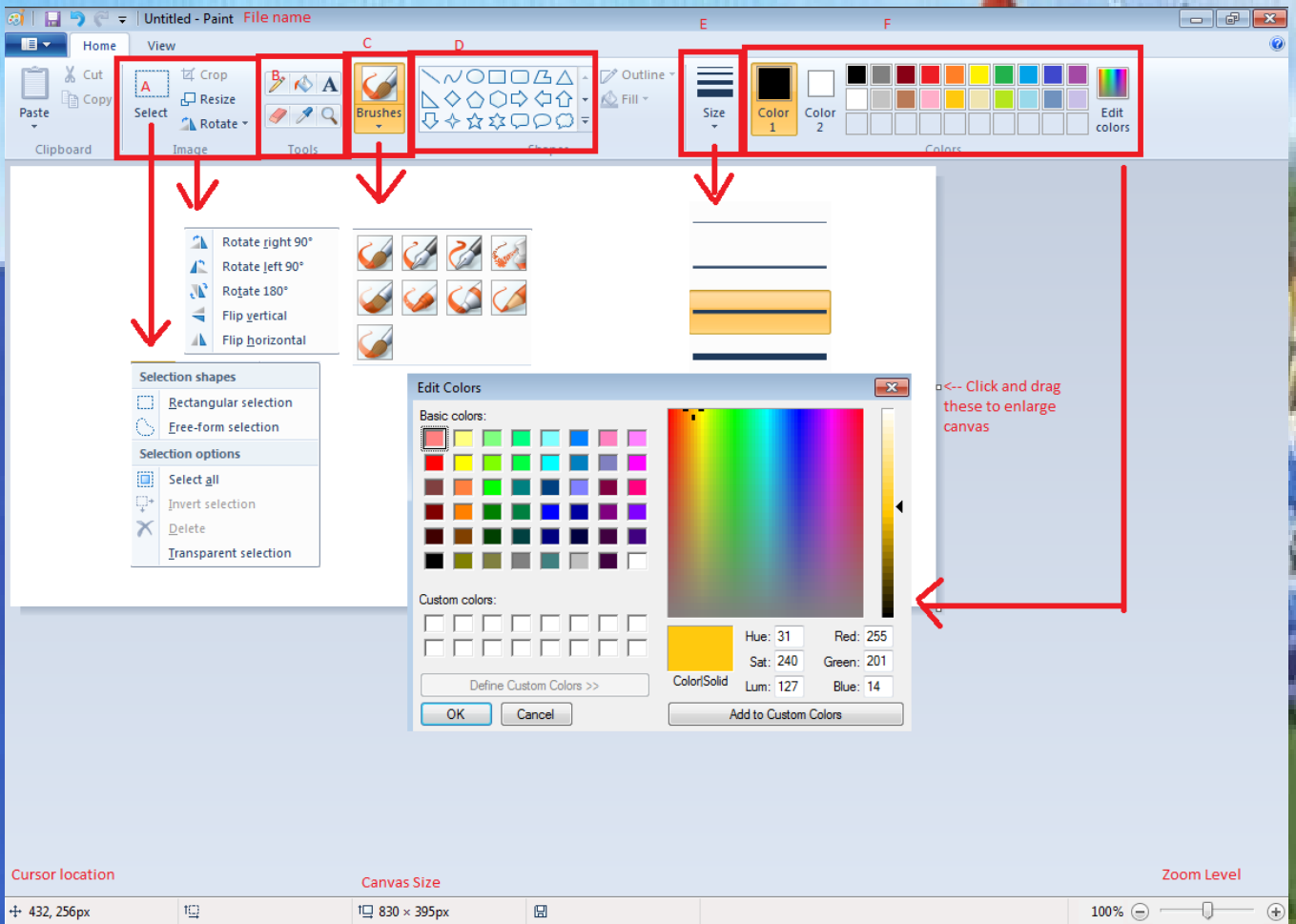
Instruments located in the HOME tab are for drawing

Instruments located in the VIEW tab change the picture presentation on screen





# PARTS OF PAINT WINDOW



Cursor location

Canvas Size

Zoom Level

+ 432, 256px

830 × 395px

100%





# PAINT TOOL BAR – PART I

[A]

- The selection tab is comprised of:

- Rectangular selection. Click and drag to form a rectangle, anything inside this rectangle is now selected. Right clicking will bring up more options. As with the canvas you can drag the corners or the sides of a selected object to stretch it, but it will distort the image.
- Free form selection follows much of the same function, with the difference that you draw what you want to be selected.
- Select all... Selects all.
- Invert Selection.
- Delete.
- Transparent Selection.

- Crop: This crops to the selection

Resize:

- You can resize in percentages (%) or in pixels (px).
- horizontal and vertical
- or skew the image by degrees

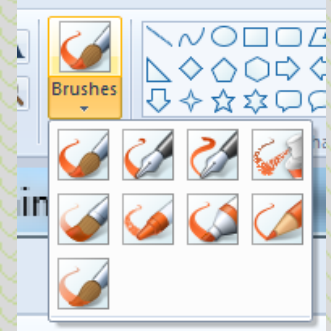
- You can also rotate selected objects; Flip horizontally, vertically, by angle, etc.



# PAINT TOOL BAR – PART II

## [B]

- Pencil: allows you to draw one pixel at a time. Left click is primary color, right click secondary color.
- Paint bucket: this allows you to quickly fill in areas, anything that is surrounded by pixels will be colored in, or any solid color that is connect by at least one pixel will be replaced with the chosen color.
- Letter tool for applying text, be wary that at smaller scales you may have to create your own letters with a pencil.
- Eraser, this tool erases, however be aware it leaves behind the color in the secondary slot, so if you have white when you use it you create white. Also if you right click with it, the secondary color will replace the primary color.
- Dropper tool, click to replace current color with chosen color.
- Magnifying glass, left click to zoom, right click to zoom out.



## [C]

These are brushes. For other things they are useful but not so much for pixel art.

## [D]

These are assorted tools, for the most part the line tool (1st one in the box) and the curve are what you will use unless you have a preference of drawing by hand. On the circle and square drawing tools, you have the option to fill the shapes, or have a different colored outline with a different color filling.

## [E]

This is just for changing the thickness of the brushes, and for the tools listed in [D]

## [F]

These are your colors. Primary and Secondary are the ones currently selected. The swatches allow you to get the color you want, however if you double click on a swatch you can modify the value (conversely click on the edit color button) and get a color you want, this is especially useful for when you want to get a shade or a highlight of a specific color.





Paint is the most basic but quick image editor.

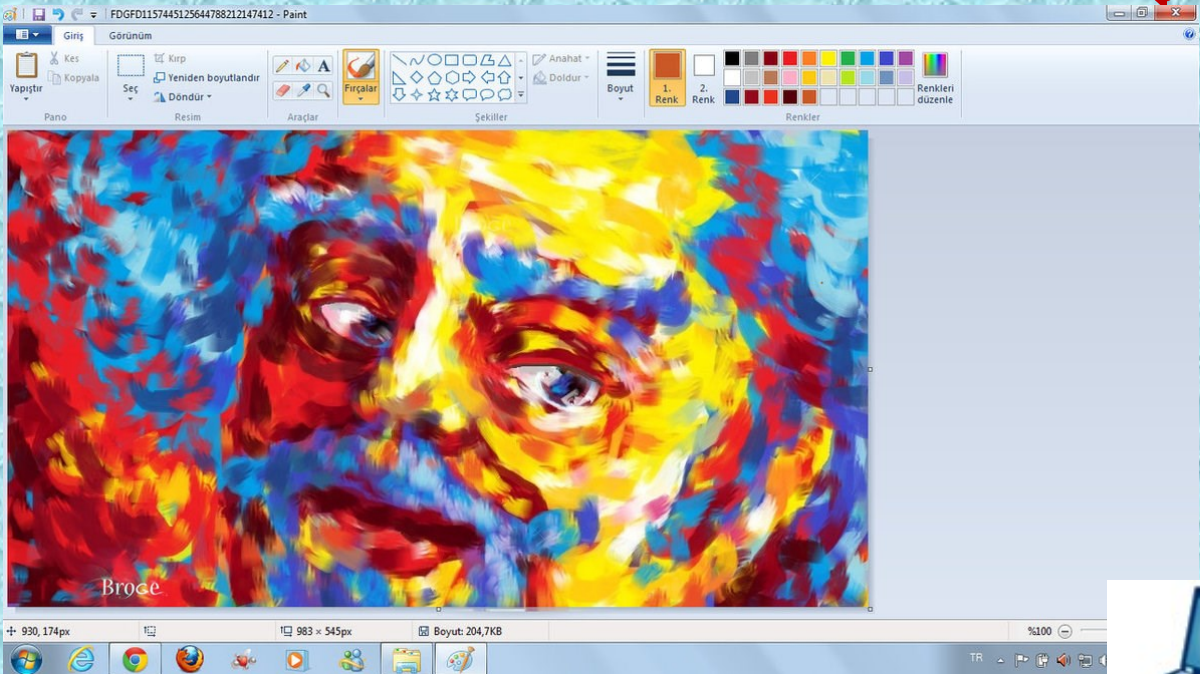
## WHAT'S PAINT?

Paint is a program used to draw and edit images.

To open Paint click on Start Button, All Programs, Accesories, Paint.

Paint is a simple drawing program coming with Windows

PAINT  
UPDATED  
VERSION



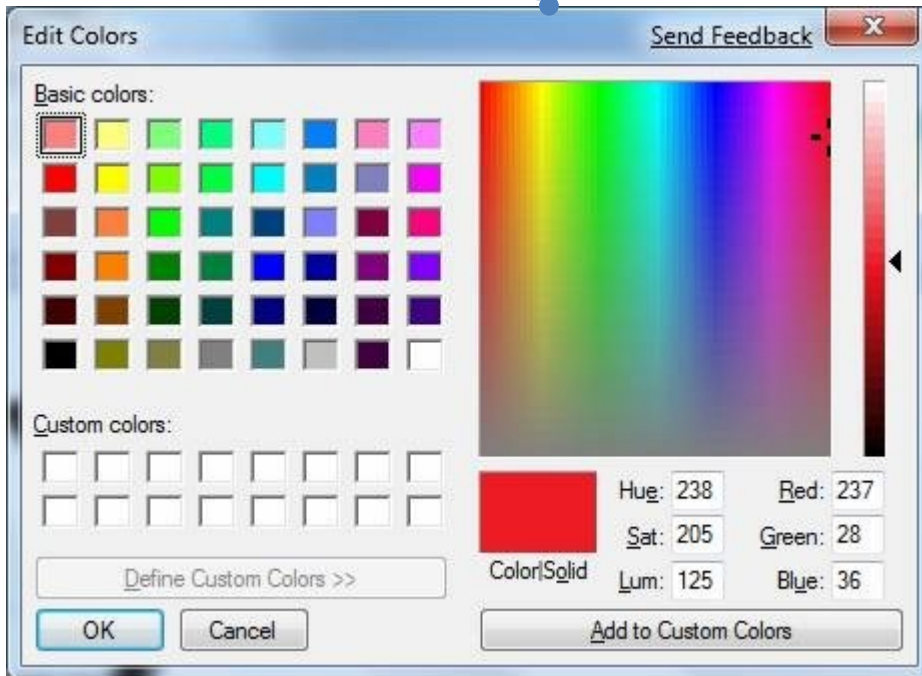
# PAINT COLORS DIALOGUE

To color use the  
“painting jar”

The forefront color  
is used for lines  
and texts.

The background  
color is used in the  
inner part of shapes.

You can select  
several colors to  
work with. Either  
from standard or  
extended palette.





# USING PAINT

Use this video collection studying how to use PAINT for basic and advanced drawing



<http://www.youtube.com/watch?v=0d4NyqOykiY>

<http://www.youtube.com/watch?v=Dsr76dgSzBc>

<http://www.youtube.com/watch?v=LMMdwYYY7m8>

<http://www.youtube.com/watch?v=Uqf98l109pU>

<http://www.youtube.com/watch?v=iPkTv9oo09k>

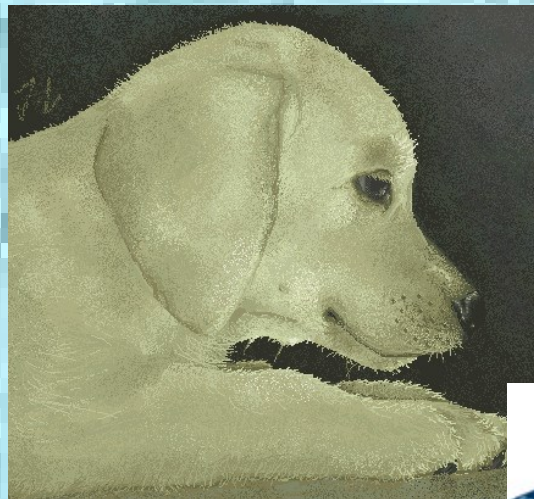
<http://www.youtube.com/watch?v=FpUx1asMKBU>

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

<http://www.youtube.com/watch?v=l1oFnYbwmXU>

[http://www.youtube.com/watch?v=1jBXWn5\\_StY](http://www.youtube.com/watch?v=1jBXWn5_StY)

<http://www.youtube.com/watch?v=XWfaj7Fb3-A>





# CREATE AND SAVE PAINT FILES

CLICK ON  
THE FILE  
DRAWER  
ICON

CHOOSE SAVE  
AND

SAVE

TO OPEN FILE, CLICK  
ON «OPEN FILE»,  
SELECT FILE AND  
THEN CLICK THE  
OPEN BUTTON

OR JUST DOUBLE  
CLICK ON THE FILE  
NAME TO OPEN

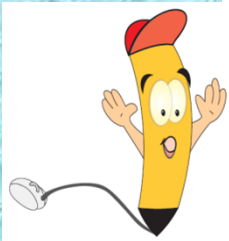




# ACTIVITY 1



Find a path  
in the maze



## ACTIVITY 2



# PAINTER IS AN ARTIST

To *Paint* and to *Draw* means the same

Answer **TRUE** or **FALSE**

**FALSE** ↔ **TRUE** ↔

In **PAINT** you can edit photos

In **PAINT** you can use only few colors

All brushes are different

Take a photo of your pet and draw him in **PAINT** looking at the photo. Send drawing and photo to teacher.

Use different colors and brushes to convert your sketch in real masterpiece.

The drawing must include a textbox with pet's name.

Good Luck!



# ACTIVITY 3



Where the toolbar ribbon is located  
in the new PAINT?

On the left side

On the right side

At the top



Place the arrow  
next to the right  
answer

Draw a circle around  
the names of brushes  
existing in PAINT



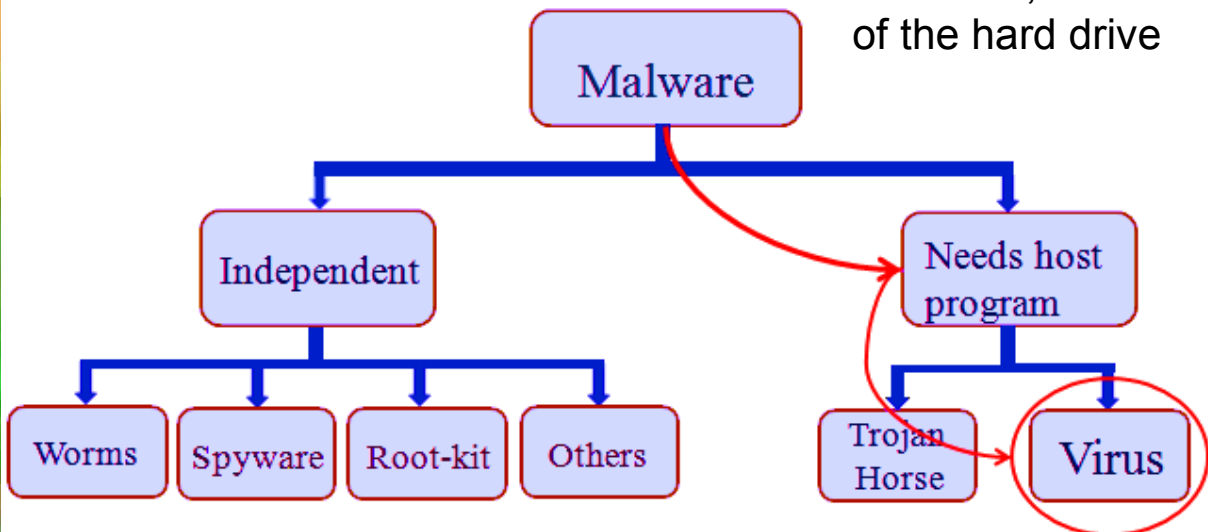


# VIRUS AND MALWARE



Malware, short for malicious software, is software used to disrupt computer operation, gather sensitive information, or gain access to private computer systems.

A computer virus is a type of malware that replicates by inserting copies of itself (even modified) into other computer programs, data files, or service areas of the hard drive





# ANTIVIRUS PROTECTION

Not all viruses carry a destructive payload or attempt to hide themselves — the defining characteristic of viruses is that they are self-replicating computer programs which install themselves without the user's consent.

Many users install antivirus software that can detect and eliminate known viruses when the computer attempts to download or run such program. Some antivirus software blocks known malicious web sites that attempt to install malware. Antivirus software does not change the underlying capability of hosts to transmit viruses.

Users must update their software regularly to patch security vulnerabilities ("holes"). Antivirus software also needs to be regularly updated in order to recognize the latest threats.



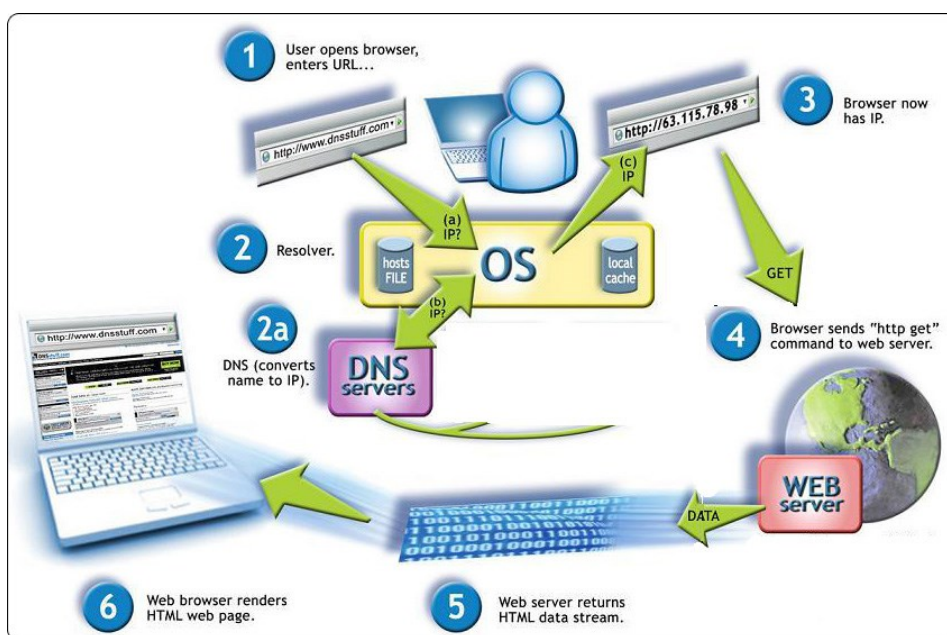



# RECOMMENDATIONS

10 tips against malware to be safe using  
INTERNET and Social networks

- 1: Install quality antivirus
- 2: Install real-time anti-spyware protection
- 3: Keep anti-malware applications current
- 4: Perform daily scans
- 5: Disable autorun
- 6: Disable image previews in E-Mail program
- 7: Don't click on untested email links or attachments
- 8: Surf smart (enable preventive features in browser)
- 9: Use the best firewall you can find and never disable it
- 10: Deploy DNS protection

TECHNOLOGY MAY BE VERY RISKY





Simple tricks can help us

Being up to date always helps

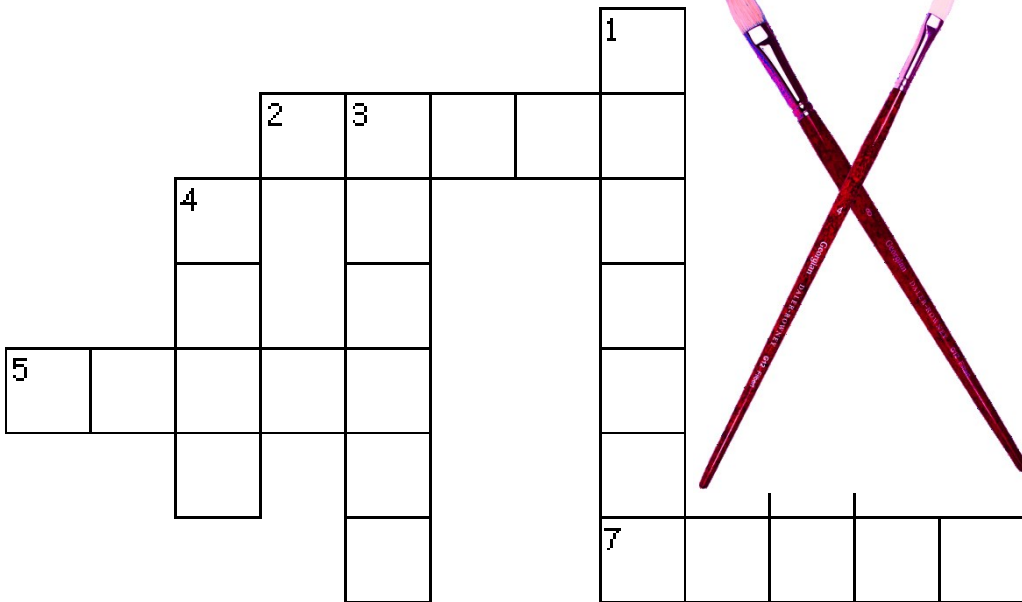
Enemies can hide

If we follow recommendations, we'll be safe



# ACTIVITY 4

## SOLVE THE CROSSWORD PUZZLE



- *Brush*
- *Paint*
- *Scale*
- *Desktop*
- *Cursor*
- *Virus*
- *Firewall*
- *Surf*





Run away from virus  
is the best.

Trust in your parents  
and learn from them.  
This will help us in the  
future

Let's practice the  
good things we have  
learned

