COMPUTERS

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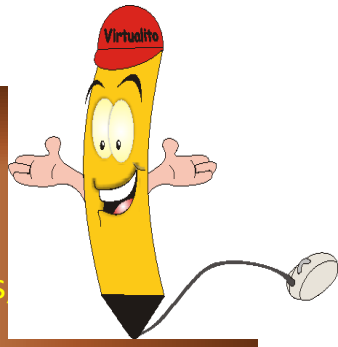
TOPICS UNIT 1



TOPICS

- Machine. What is it?
- Understanding of technological devices and elements.
- Technology at school: acrilyc blackboard, special seats, fans, machine.
- Home electric devices: TV, recorder, phone, freezer, iron, blender, stove and many others…

COMPETENCES AND ACHIEVEMENT INDICATORS

CONCEPTUAL ACHIEVEMENT

Identifies the parts of the computer that belong to hardware

PROCEDIMENTAL ACHIEVEMENT

Talks about the concept of Hardware and gives clear examples of it.
Makes differences between hardware and software
Uses Start Button to run different programms
Applies the mouse functions to roll the screen
Opens and quites programms easily.
Ceates and names folders

ATTITUDINAL ACHIEVEMENT

Values hardware and software functions to do different activities

You should know that

COMPUTERS ARE VERY USEFUL FOR US, PEOPLE.

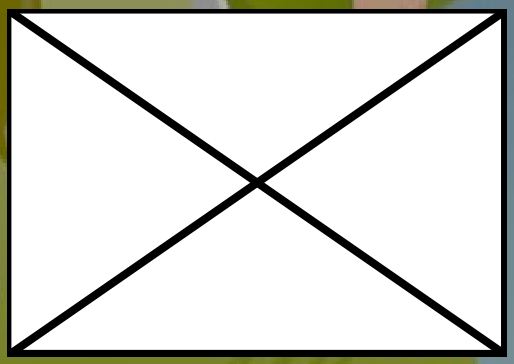
WHAT IS THE MACHINE?

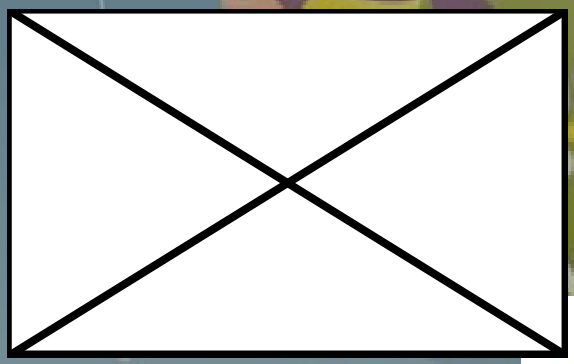
A machine is an object o device which simplifies the job.

It is a man's invention to reduce efforts required to complete the task.

COMPUTER IS A MACHINE

COMPUTER IS A MACHINE CAPABLE TO PROCESS INFORMATION AND DATA OFFERING RESULTS.





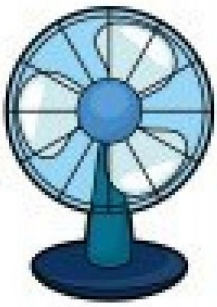
TECHNOLOGICAL DEVICES

TECNOLOGICAL DEVICES ALSO ARE MACHINES, HELPING US IN EVERYDAY LIFE.

HAVE A LOOK AT SOME OF THEM, TECHNOLOGICAL DEVICES TO BE FOUND AT HOME

RICEMAKER, A POT TO COOK RICE

VACUUM CLEANER TO REMOVE DUST



FAN TO MOVE AIR

LAMP TO LIGHT UP THE WORK PLACE

What these devices are doing?
They cook rice, clean dust, bring some fresh air and light at dark.

Can you show the difference between antique and modern home electric appliances and devices?

Even if machines help us with house keeping,we should not forget about ecology while using them.

These videos can give you some ideas:

http://www.voutube.com/watch?v=VC3C_8eQgeE

htt k

We hav o use electric home devices wisely and efficiently.

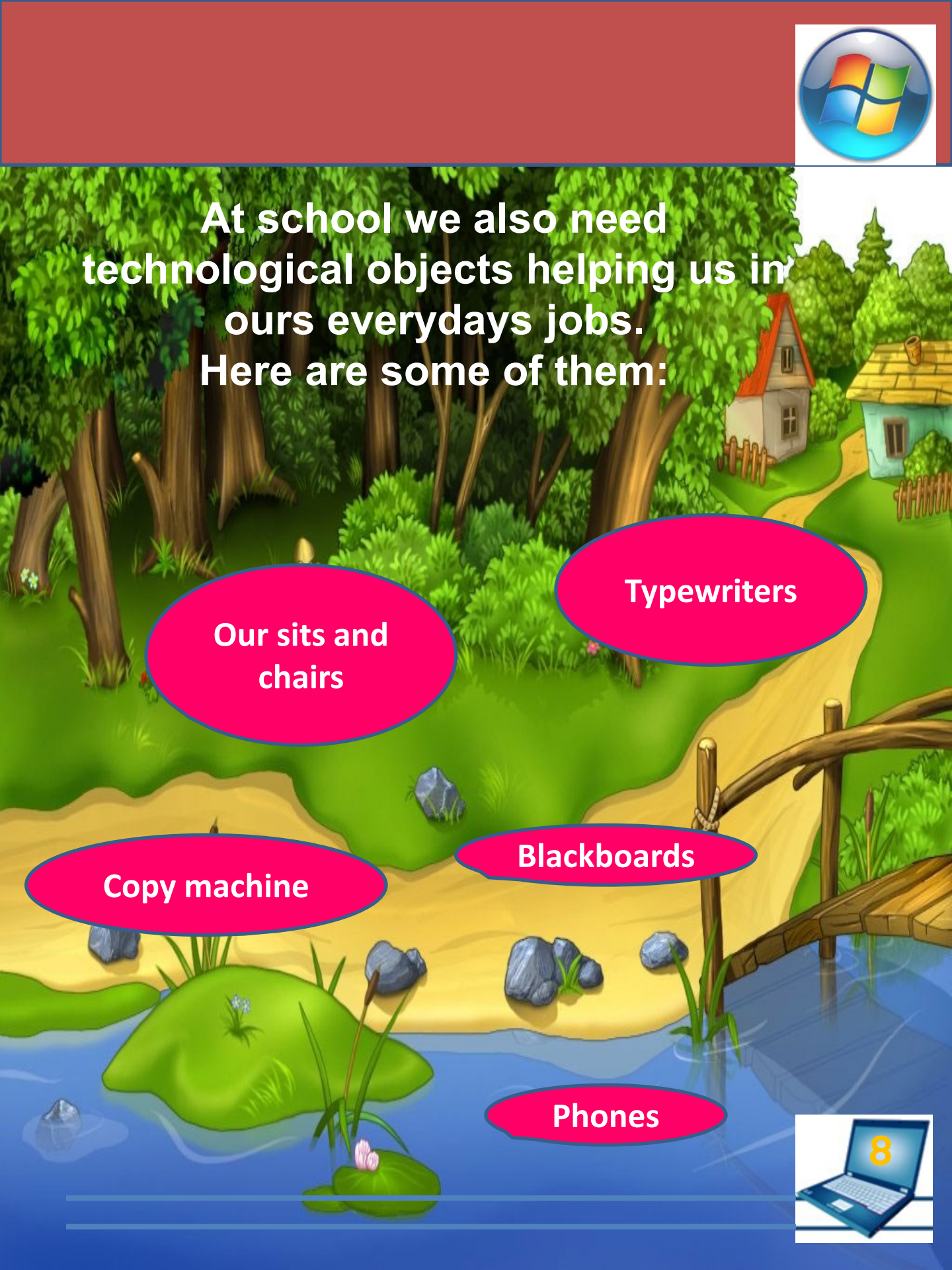
What does it mean - Efficiency?
It means to reach the goal using available tools where and when we can do it.

So, what does the words HOME ELECTRICAL DEVICE mean?

The Home Electrical Device is a machine responsible for some elementary jobs at home, like cooking, saving food or cleaning.

Yes, we do have a lots of them in our house

And we do have them at school also!


At school we also need technological objects helping us in ours everydays jobs.
Here are some of them:
Typewriters
Our sits and chairs
Blackboards
Copy machine
Phones
8

And outside the house, where can I find a technology?
Clear you can. They are everywhere, machines and technology!
What are they?
Cars
I know one too: Neon lights!
Traffic lights
Yes indeed.
We are surrounded by technology!

ACTIVITY 1

Machine

- DEVICE
- OBJECT
- PERSON
- BUILDING

Draw a triangle at the side of an option which you are considering to be correct

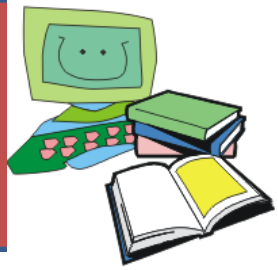
TECHNOLOGY IS:

- MACHINE
- DEVICE
- SOMETHING SOFT
- DESIGN

Draw a circle around the options which look to be correct ones

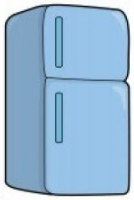
Para mover los triángulos o círculos, colocas el puntero sobre ellos y con el botón primario o izquierdo oprimido lo mueves.

ACTIVITY 2



ANOTHER HOME ELECTRICAL DEVICES ARE:

DRAW A LINE CONNECTING A DEVICE WITH THE MOST APROPRIATE DESCRIPTION



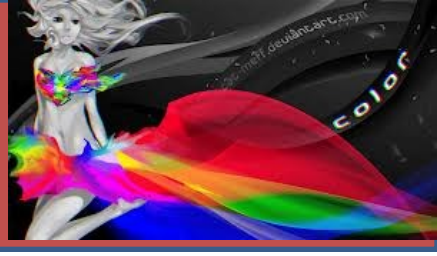
To listen the music

Keeping food fresh

Prepair a fresh juice

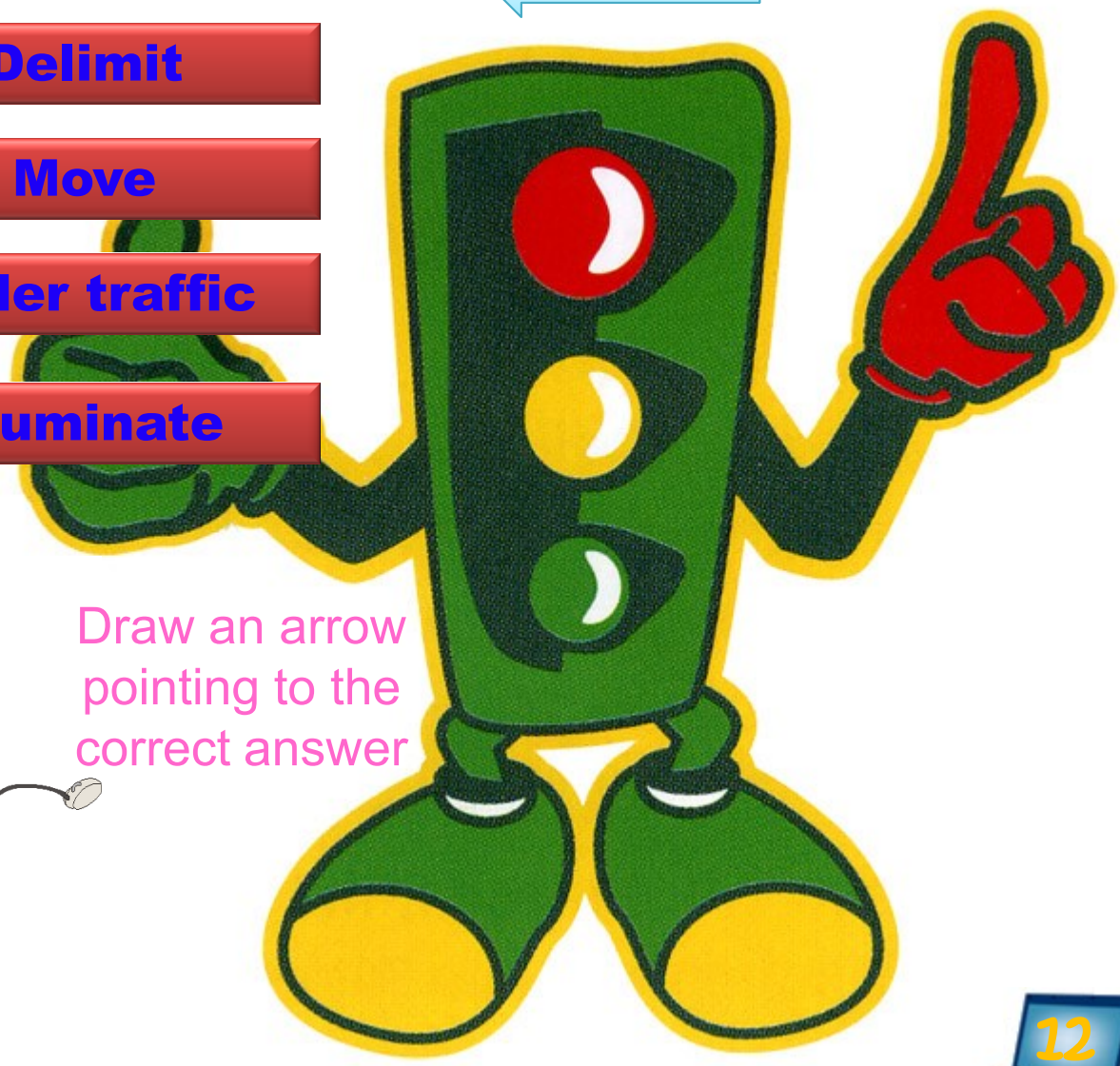
Dry the hair

ACTIVITY 3



Traffic lights are used for:

- Warn
- Delimit
- Move
- Order traffic
- Illuminate



Draw an arrow pointing to the correct answer

Some other devices r
looking for the helpe

To see the news

Connect objects and their descriptions

To see current time

To iron clothers

To make clothers

Look at the video

http://www.youtube.com/watch?v=UFwWWsz_X9s

and write down the names of all machines and technical devices which you were able to recognise.

Computer is a big human invention

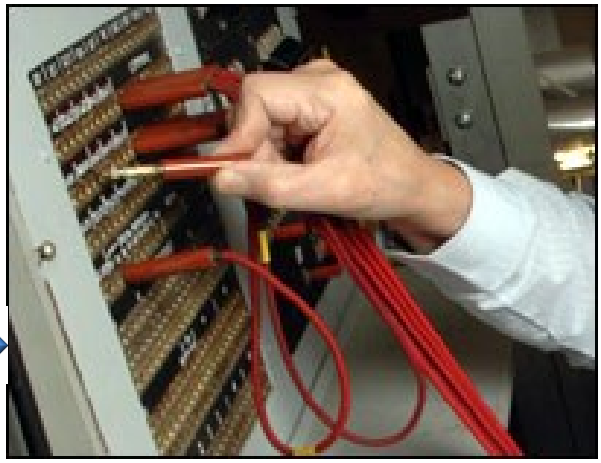
Do you know why it was created?

Not many people really know why computer was invented

The first computer was invented and built to decrypt enemy messages during the second Warld War

It had a size of a truck

It was called COLOSSUS



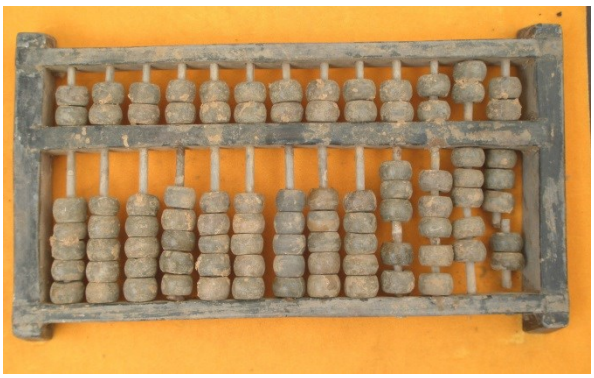
Do you know what ABACUS is?
It was a first tool created by man to simplify calculations
Abacus is an instrument helping with basics calculations and totals
Nowadays his ancester is used to calculate points in billiards
Special Abacus is used to teach small children to read

ACTIVITY 4

TRUE OR FALSE?

Can we think that Abacus was a first kind of computer?

Color the star with the correct answer

FALSE

TRUE