

# ICT EDUCATION AND POLICY IN POLISH SCHOOLS

Warmińsko – Mazurski In-Service Teacher Training Center in Elbląg

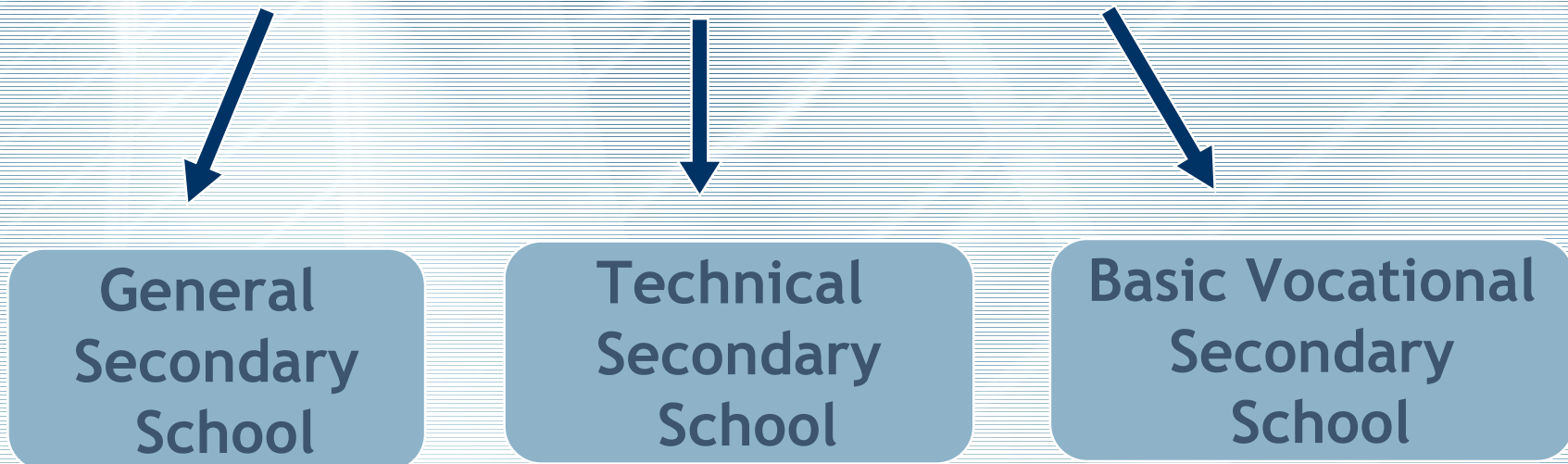
*Agnieszka Czystaw*

# Warmińsko - Mazurski In-Service Teacher Training Center in Elbląg



# EDUCATION SYSTEM IN POLAND

- Primary education - age 7-13
- Lower secondary education - age 13-15
- Secondary education - age 15-19



# CORE CURRICULUM

One of the most important skill written down in core curriculum (at all educational levels) is ability to use ICT.

**Main goals of ITC education are abilities :**

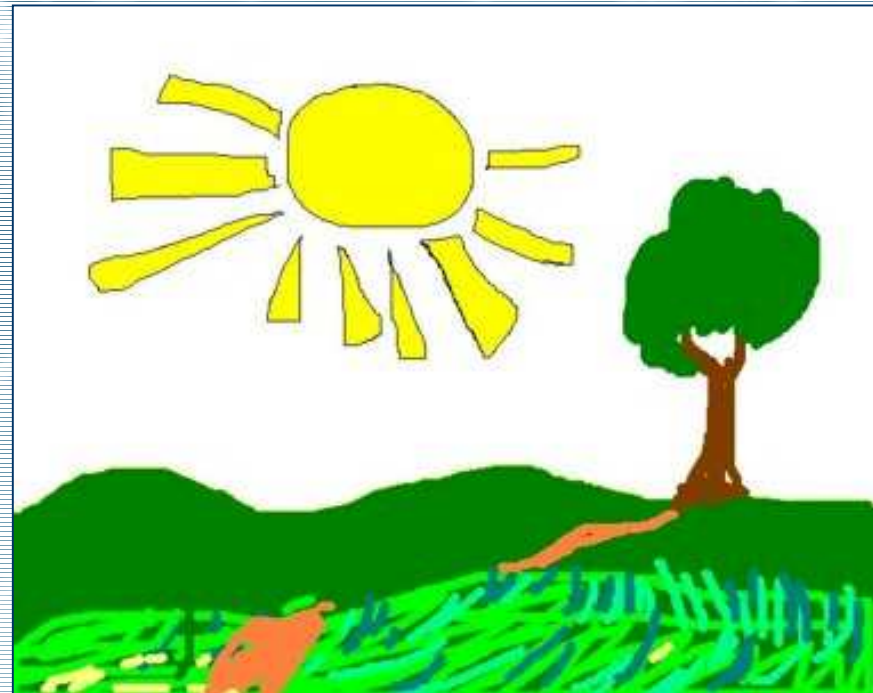
- communication
- information retrieval
- using information
- information processing
- data processing
- using ICT in making decisions
- using ICT to broaden knowledge and interests

# ITC CURRICULUM

Issues become more and more complicated at the next educational levels.

## PRIMARY SCHOOL

Creating draws in simple graphic editor.





# ITC CURRICULUM

## LOWER SECONDARY, SECONDARY SCHOOL

- vector graphics versus raster graphics
- compression
- graphic for websites



# ITC CURRICULUM

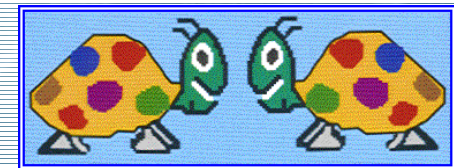
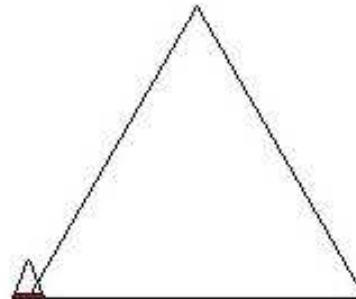
## Primary/Lower Secondary school

### PROCEDURE

```
■ trójkąt x
oto trójkąt :a
  pw 30
  powtórz 3 [np :a pw 120]
  lw 30
  już
```

### DRAW

```
? trójkąt 150
? |
```



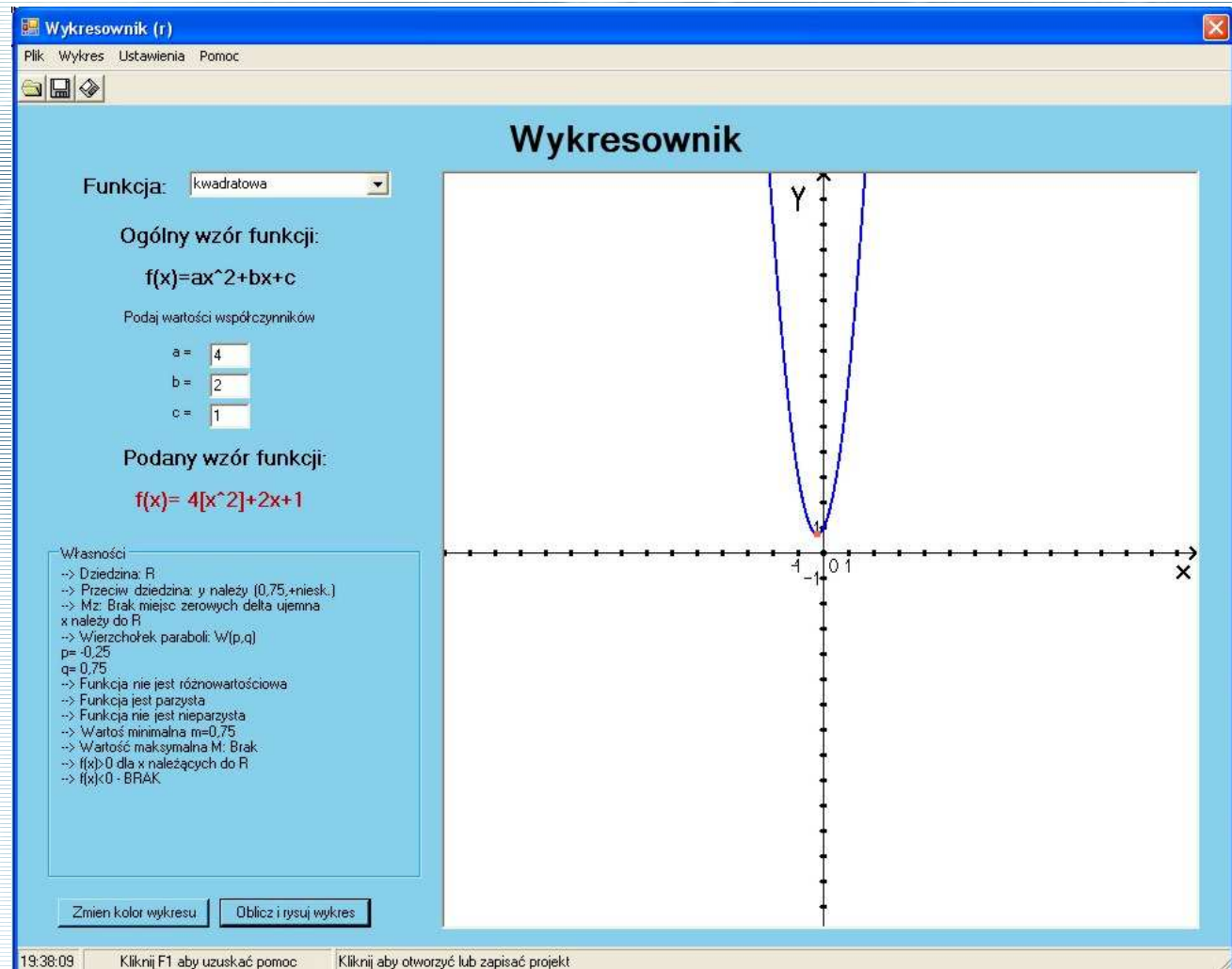
Imagine logo

Students create simple motives and control object on the screen by string of commands.

# ITC CURRICULUM

## Secondary school

- Pascal
- VisualBasic
- JavaScript
- *and others*





# SAFER INTERNET

Education about **SAFER INTERNET** is one of the most important priority.

**Ministry of Education** recommends Internet access control software



# SAFER INTERNET

Since 1<sup>st</sup> October 2006 the project - **SAFER INTERNET** has been running.

It is leading within the European Commission' programme Safer Internet Plus 2007- 2008.

<http://www.saferinternet.pl/en>



The Nobody's  
Children Foundation



Leading Polish  
data networks operator.

# SAFER INTERNET

## The project aims:

- protecting children and young people online by awareness raising initiatives,
- fighting illegal and harmful online content and conduc.



# Computer labs for schools

## MINISTRY OF EDUCATION PROJECT *EU-cofinancing*

- 334 453 computer sets were delivered to schools in years 2005 - 2008
- 19 954 computer labs were set up
- Each school that participated in this program had to finance trainings for IT and other subject teachers.



# Computer labs for schools



# Computer labs for schools

Description	Primary and lower secondary schools	Secondary schools
Computer set + software (operating system + office program)	10	19
Server	1	1
Network printer	1	2
Scanner	1	2
Beamer	1	1
Laptop	1	1
Network equipment	1	1
Educational software (dictionary, game, encyclopedia, etc.)	10	10
		Multimedia center (4 computer sets with Internet access)

# Computer labs for schools



# Program „ Notebook for student“

## MAIN AIMS:

- Computerization of lower secondary schools to ensure all students access to one's own laptop to use Internet, work in network and use educational resources - until 2010
- Organizing effective use of ICT training courses for teachers - 2008



# Program „ Notebook for student”

## TRAINING COURSES FOR TEACHERS

- Effective work with notebook in the classroom.
- Using beamer and interactive board.
- Examples of educational software
- Multimedia in the process of teaching
- Test tools
- Educational Internet resources
- Collaboration and e-learning platforms: Moodle, Google.doc, etc.

# EDUCATIONAL INTERNET RESOURCES

## VIDEO

Scholaris

Interklasa

National In-Service Teacher  
Training Center **e-library**

National In-Service Teacher  
Training Center **e-learning**

Warmińsko - Mazurski In-Service Teacher  
Training Center **e-learning**