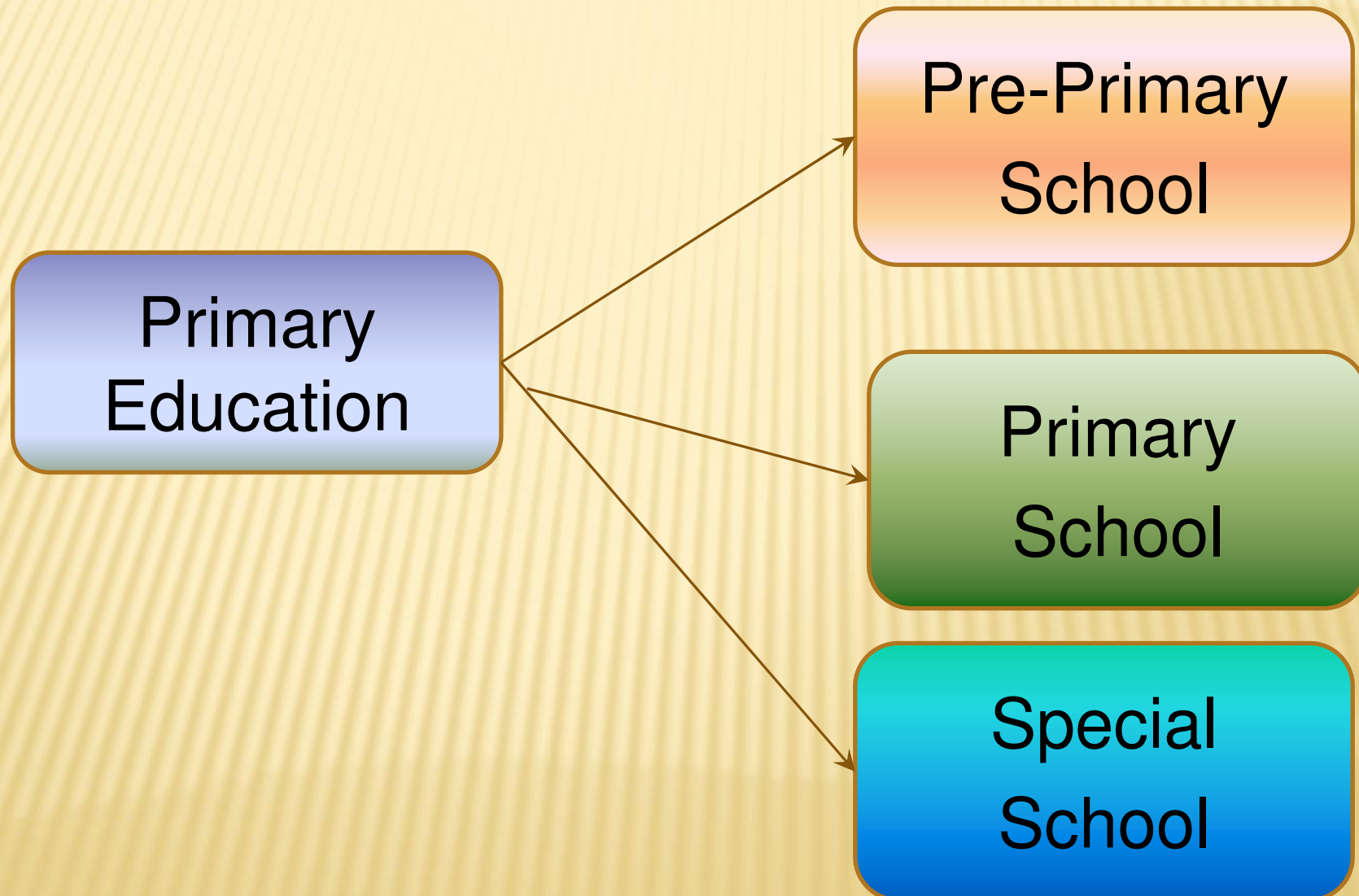


# **Computer Science at the Primary and Secondary Schools of Cyprus**

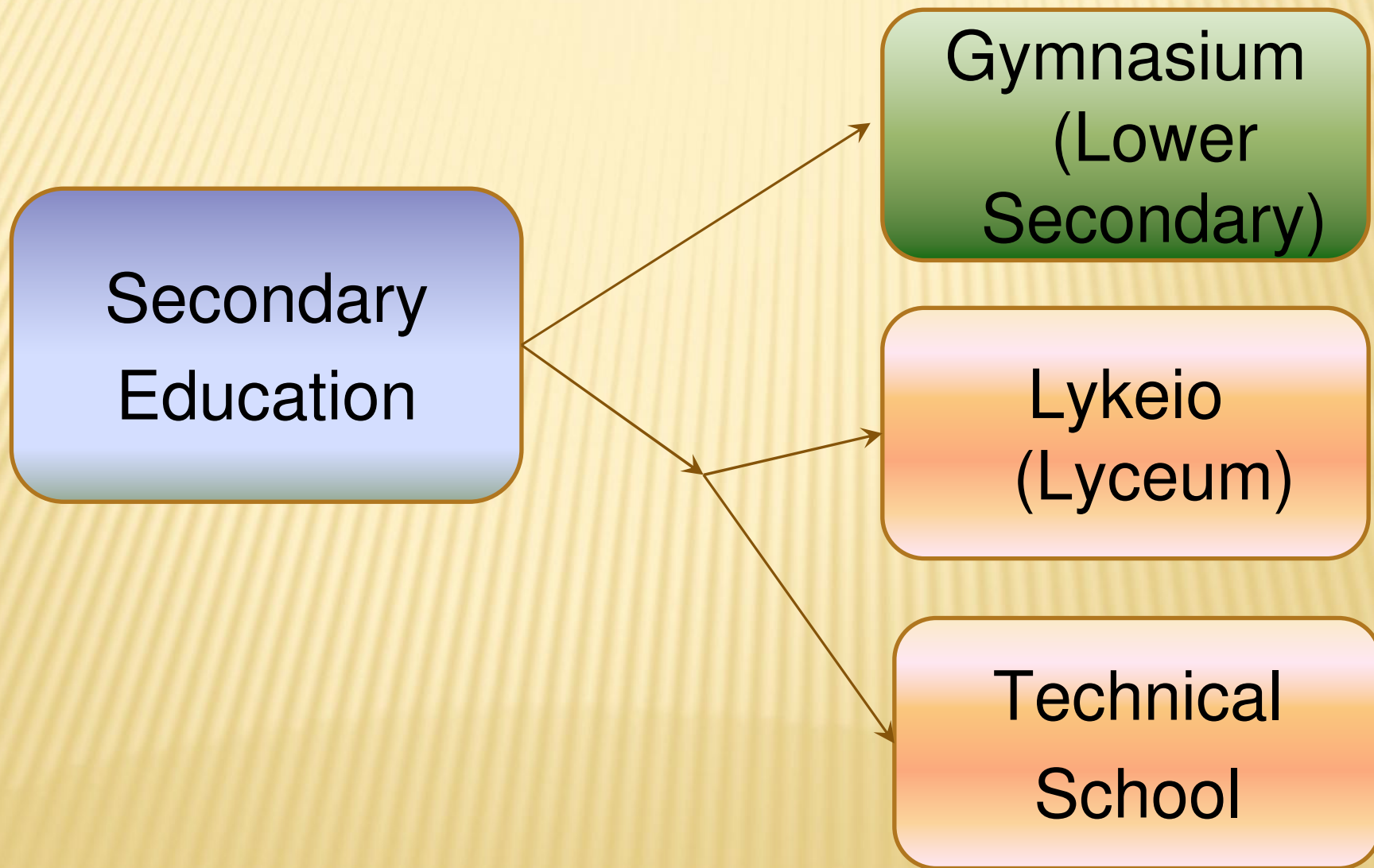
**Yiangos Ktorides**

**Cyprus Computer Society**

# THE EDUCATION SYSTEM OF CYPRUS [1]



# THE EDUCATION SYSTEM OF CYPRUS [2]



# **ICT IN THE CYPRIOT EDUCATION SYSTEM**

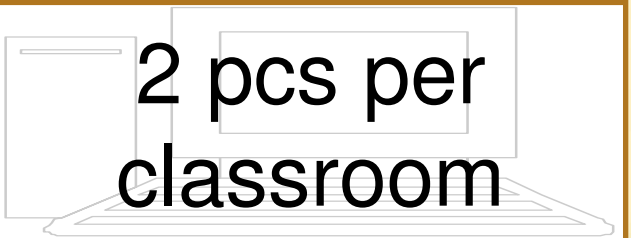
## **PRIMARY EDUCATION**

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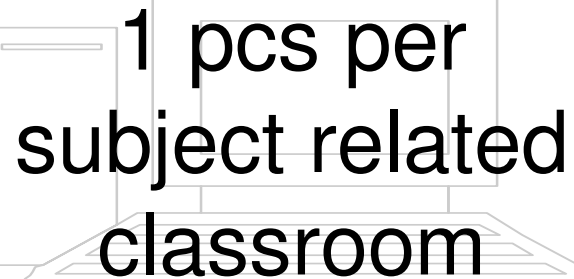
ICT is not taught as a separate subject in Primary Education, but is used as a dynamic tool in the teaching and learning process, aiming at a more effective implementation of the school curriculum and developing of skills such as problem solving, decision making, communication and information handling.



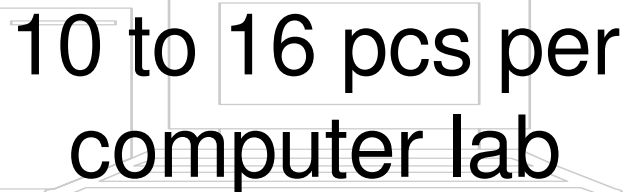
# PRIMARY EDUCATION



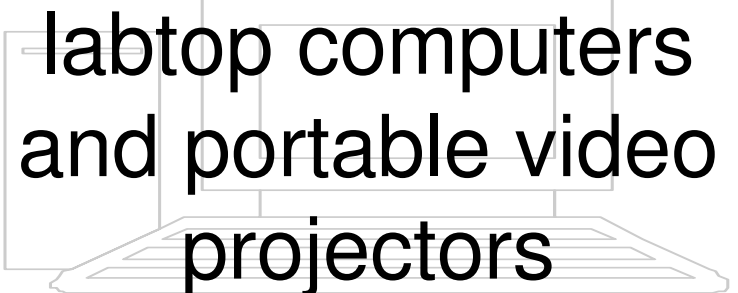
2 pcs per  
classroom



1 pcs per  
subject related  
classroom



10 to 16 pcs per  
computer lab



laptop computers  
and portable video  
projectors

# **SECONDARY EDUCATION GYMNASIUM**

a distinct  
subject taught  
two teaching  
periods per  
week

ECDL core  
modules

Introduction to  
Computer  
Science

eSafety

Algorithms

Networks

# SECONDARY EDUCATION GYMNASIUM

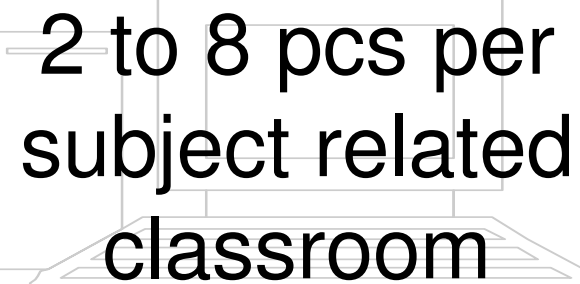
---



18 to 21 pcs, per  
computer lab



laptop computers  
and portable video  
projectors



2 to 8 pcs per  
subject related  
classroom

## **SECONDARY EDUCATION GYMNASIUM**

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A student after graduating the Gymnasium knows the basic of computer architecture and capabilities and he/she has the knowledge and skills needed to use the most common computer applications .



# SECONDARY EDUCATION

## LYKEIO 1<sup>ST</sup> GRADE

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Is taught two  
teaching  
periods per  
week

Multimedia

Further  
Introduction to  
Computer  
Science

Introduction to  
programming

# **SECONDARY EDUCATION**

## **LYKEIO 2<sup>ND</sup> and 3<sup>D</sup> GRADES**

Three courses are offered

1. Computer Science (4 periods per week)
2. Applications (2 periods per week)
3. Networks (4 periods per week)



**LYKEIO**

## **COMPUTER SCIENCE 2<sup>ND</sup> GRADE**

Databases  
Advance

System  
Analysis

Programming with an  
object oriented  
language

# **LYKEIO**

## **COMPUTER SCIENCE 3<sup>D</sup> GRADE**

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Algorithm

Structure  
programming

System  
Analysis



# **LYKEIO**

## **APPLICATIONS 2<sup>ND</sup> GRADE**

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Application  
software

Personal  
computer  
architecture

Managing  
problems

Maintenance

# LYKEIO

## APPLICATIONS 2<sup>ND</sup> GRADE

Advance  
spreadsheet

Design and create  
a webpage



# **LYKEIO NETWORKS 2<sup>ND</sup> and 3<sup>D</sup> GRADES**

CISCO Networking Academy

CCNA Discovery and the  
CCNA Exploration certificates

# TECHNICAL SCHOOL

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Computer Hardware  
engineers



# LEARNING PLATFORM

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Learning  
Management  
System

DIAdiktyako Sholio  
(Internet School) or  
Schoolnet DIA.S

# **SERVICES FOR TEACHERS**

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- ✖ Access to Digital Educational courses & Content
- ✖ Organising digital interactive activities
- ✖ Preparation of tests and assignments
- ✖ Automatic test marking and statistics
- ✖ personal e-mail account
- ✖ personal site (My site)
- ✖ Participation in chat rooms

## **SERVICES FOR STUDENTS**

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- × personal e-mail account
- × Personal calendar of events
- × Free access to Digital Educational Content
- × personal site (My site)
- × Participation in chat rooms
- × Use of digital means for a better understanding of terms
- × Distance learning



# **SERVICES FOR GUARDIANS**

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- ✕ Access to information which concerns their children



# **OBJECTIVES**

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The main focus is the improvement of

- ✖ Performance and knowledge of students
- ✖ Professional yield of teachers having available the appropriate tools
- ✖ The provision towards guardians of students for a more active participation in the educational life of their children

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**Thank you**