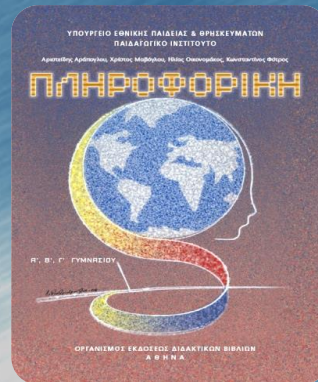




# COMPUTER SCIENCE PROGRAMMING CURRICULUM CLASS C



EVANGELOS C. ZIOULAS (IT TEACHER)

# KEY POINTS

- 25 lessons in a year
- 1 hour per week (of 45 minutes)
- All lessons are performed inside lab
- Computer lab has 14 pc & 1 network printer
- Available s/w Win 10, MS Office 2007
- Every computer can satisfy 1 or 2 students
- Each student has a permanent seat

# PROGRAMMING COURSE

- Fast turnout in labs
- Quick settlement inside labs
- Monitoring attendance of students
- Oral questions for the course of the day
- Homework presentation
- Teaching of the next lesson
- Practical exercises & training
- Provision of homework

# EDUCATIONAL STAFF

- **Workbook**
  - Common to 3 classes of elementary school
- **Teacher's notes (.pdf)**
- **Teacher's presentations (.pdf)**
- **Papers with exercises** (one per each chapter)
- **Teacher's website** ([www.zioulas.gr](http://www.zioulas.gr))

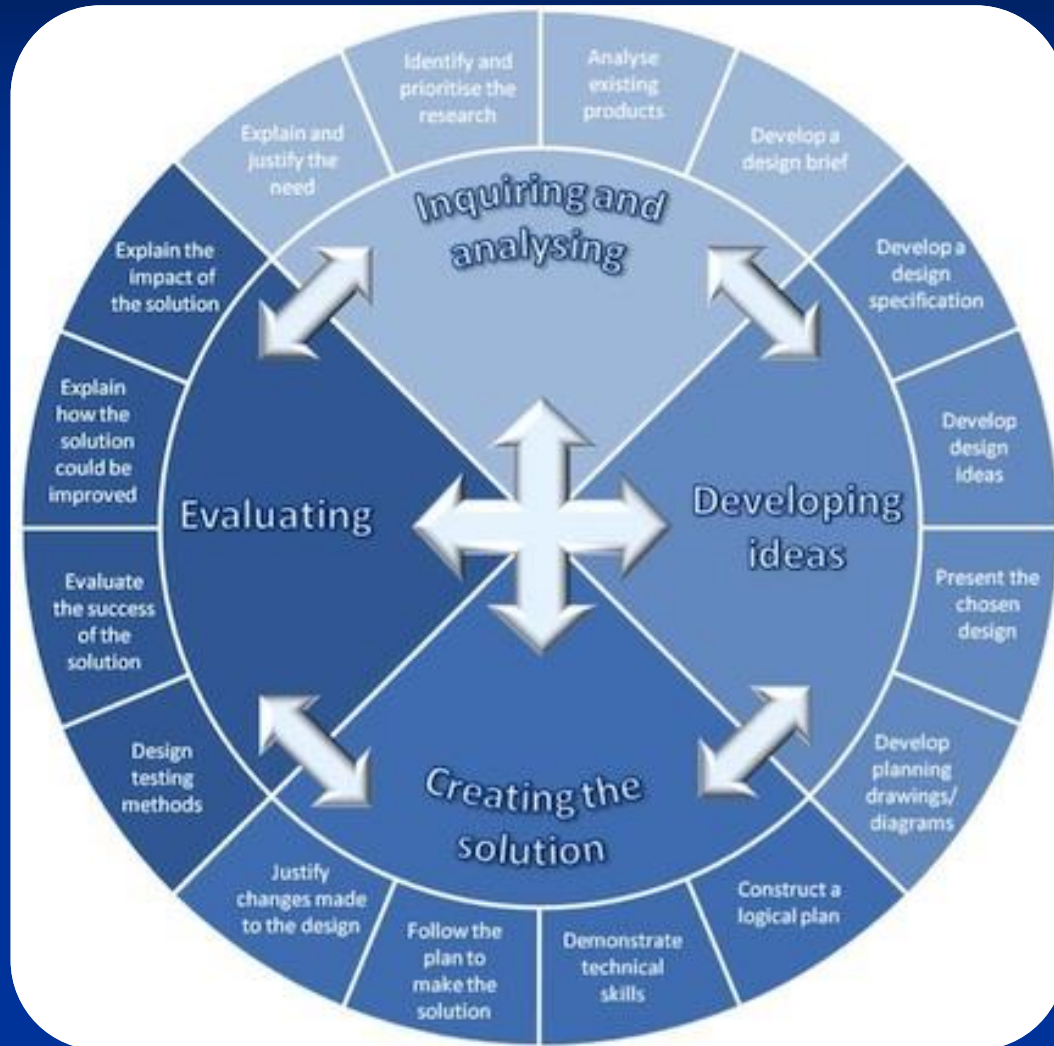
# ADDITIONAL PREREQUISITES

- **Workbook**
- **Notebook** (30 - 50 pages)
- **Microworlds EX** (programming environment)
- **Classer A4** (transparencies)
- **Flash USB** (8 - 16 GB)

# TESTING & ASSESSMENT

- **Oral questions** of understanding (course of the day)
- **Electronic quizzes** (one per chapter)
- **Monitoring notebook** (at the end of each semester)
- **Participation** during the lesson
- **Practical exercises** in computer

# DESIGN CYCLE



# IB CRITERIA

<b>Criterion A</b>	<b>Inquiring and analysing</b>	<b>Maximum 8</b>
<b>Criterion B</b>	<b>Developing ideas</b>	<b>Maximum 8</b>
<b>Criterion C</b>	<b>Creating the solution</b>	<b>Maximum 8</b>
<b>Criterion D</b>	<b>Evaluating</b>	<b>Maximum 8</b>



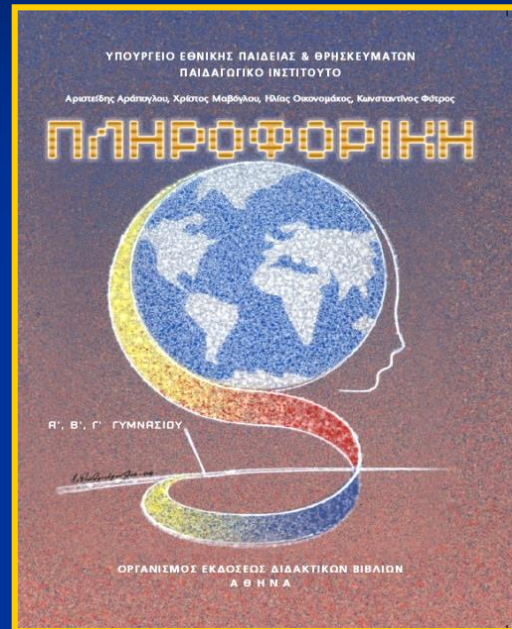
# BAD ATTITUDE & BEHAVIOR

- No participation during the lesson
- Indifference towards your lesson's obligations
- No respect to rules of the lab
- No respect to the teacher & other students
- Creating annoyance or other problems in lab
- Bad treatment of equipment
- Change software or settings without permission
- Leave the lab in a mess at the end of the lesson

# SCALE OF PENALTIES

- Make a **comment**
- Hourly **expulsion**
- **Drop in grade** and assessment
- **Communication** with parents
- **Daily excretion** by school director
- **No participation** to school activities

# WORKBOOK



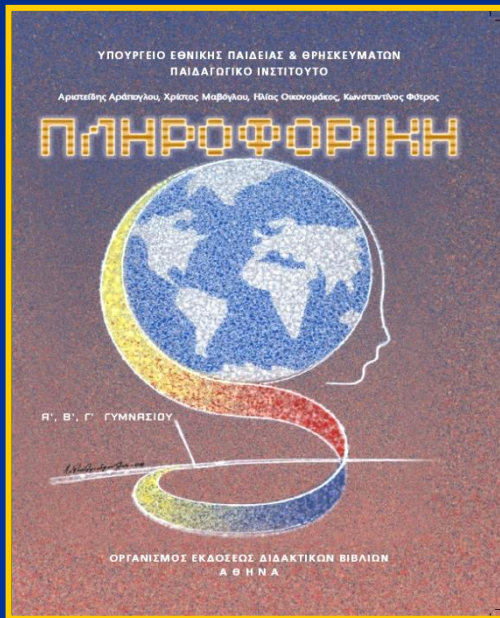
## STUDENT BOOK

**ΠΛΗΡΟΦΟΡΙΚΗ Α, Β, Γ ΓΥΜΝΑΣΙΟΥ**

writers

Arapoglou, Manoglou, Ikonomakos, Fitros

# USEFUL PAGES



<http://www.gymit.gr>



<http://www.zioulas.gr>