

417“ECREA preconference: STREAM – Digital Literacy of Young Children”

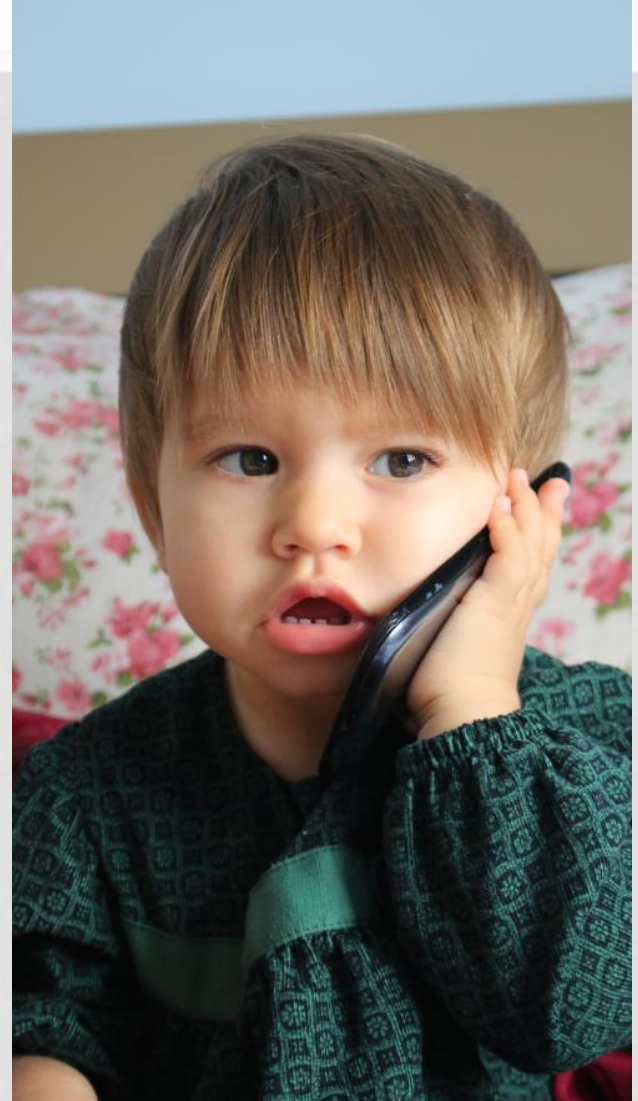
**DIGITAL LITERACY OF YOUNG
CHILDREN -
THE MISSION IS POSSIBLE**

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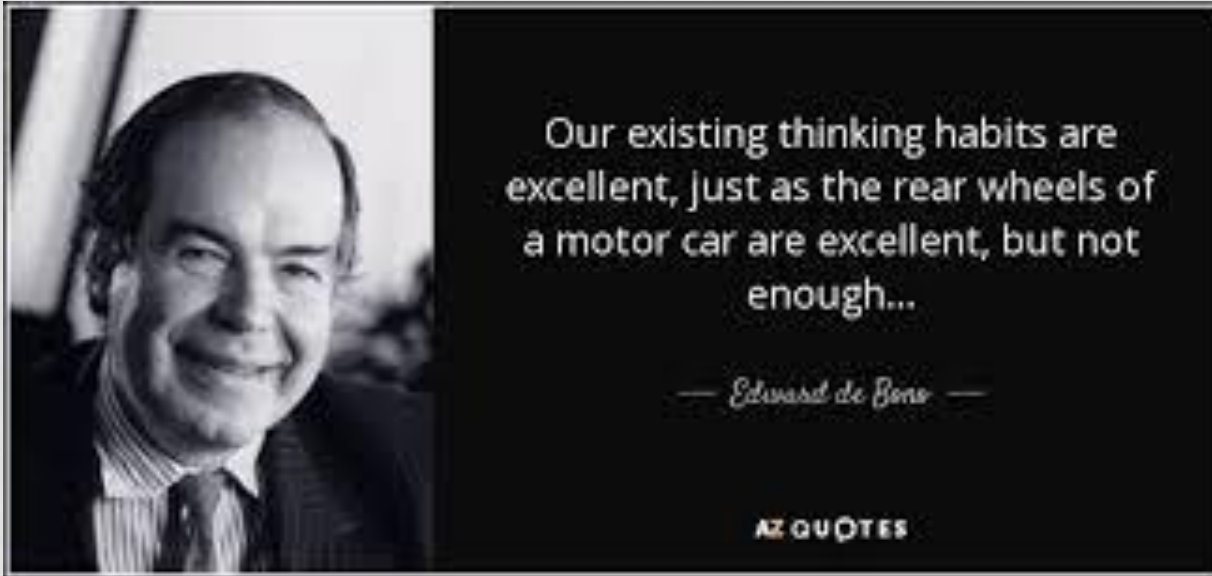


GENERATION Z - HOMO TABLETICUS



EDWARD DE BONO

Excellent But Not Enough!



NEW EDUCATION PARADIGM

- We can effectively apply ICTs in early education by using its interactivity, constructivism that gives priority to the cultivation, according to children's own needs, ability to deliver pleasure to children

Unfortunately

- In Bulgaria still dominates learning theory model. Children haven't got a connection with practice. They study principally a theory.
- Funding is not enough for computer equipment, for purchase tablets and other devices for education.

SOME GOOD PRACTICES



- Using an interactive board in kindergarten
- Interactivity gives children the opportunity to be active participants.
- in Bulgarian elementary school and one of the most accessible forms for the integration of ICT in the lessons in various subjects is training with the educational multimedia software.

ENVISION – EDUCATIONAL SOFTWARE



- Envision relies on the activity and the action. Students should be proactive – they should seek answers, analyze and decide cases.

EXCELLENT

ITI 1-4 - SOFTWARE PACKAGE FOR THE PRIMARY SCHOOL /FROM 1 TO 4 CLASS/

- 1 grade - short thematic tasks. The project is called "Animal Alphabet"
- In the second grade topics are "Sea bottom", "Christmas in sound and pictures," "Legend about the Martenitsa", "Flowers for Mom", "Spring Carnival"



BEE

- **The Bee** is a didactic tool intended for kindergarten and elementary school.
- By using the Bee children form their spatial orientation and logical thinking.
- Through this toy the teacher can develop algorithmic thinking of children.



EXCELLENT





100 ACRE WOOD

- "100 acre wood" is also educational software, designed for teaching mathematics for grades 1-4. Exercise different types of tasks by Winnie the Pooh, which moves in the woods, acting assignments



ADVANTAGES OF INTERACTIVE LEARNING

- Ability of teachers to adapt educational content to the level of education;
- Attractive visualization of educational content;
- Possibilities for variation in presentation of new knowledge;
- Teamwork;
- Rapid feedback;
- Durability of knowledge;
- Stimulating learning process;
- A higher concentration of the interactive board;
- To enhance the activity of children;
- It helps to overcome barriers in communication;
- Provoke thinking and social interaction.

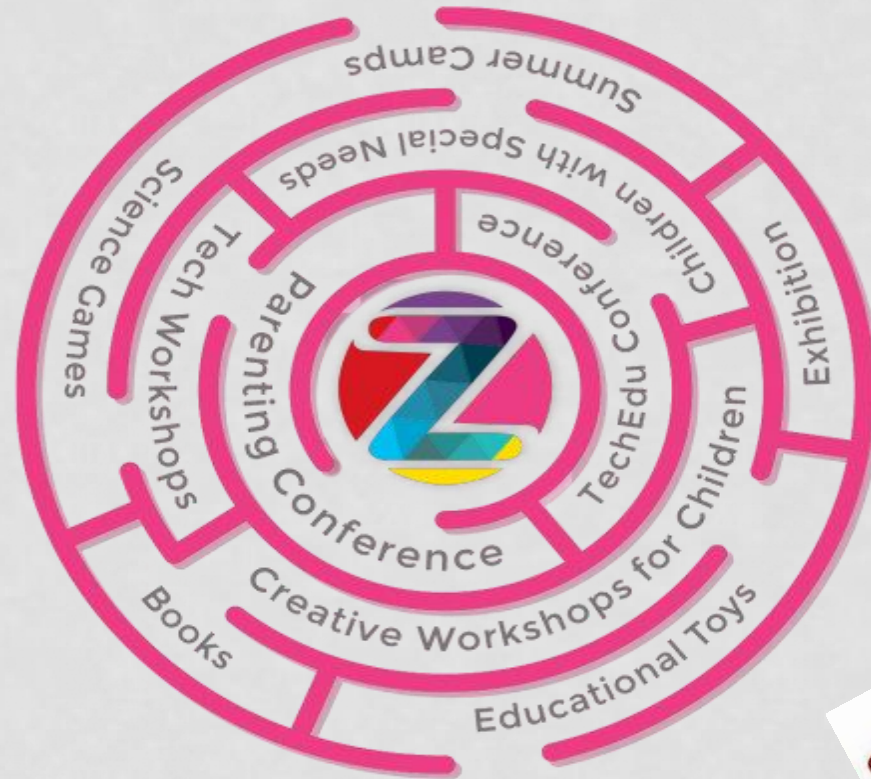


- „The formation of digital skills becomes an integral part of the process of education at all. It shouldn't be end in itself. It should be a ground for more effective learning process” – said the authors of the system (Papancheva and team)

BULGARIAN LAWS, STRATEGIES AND PROGRAMS CONNECTED WITH EDUCATION, ICTS AND DIGITAL LITERACY OF YOUNG CHILDREN

- Law for the Pre-school and School Education /adopted on 13 October 2015, in force from 1 August 2016/,
- National Programme "Information and Communication Technologies in School",
- Strategy of ICTs in School and etc.,
- National Strategy for implementing of ICT in Bulgarian schools /since 2005; Ministry of education and science, Ministry of transport and messages/,
ICT Action Plan for National Lifelong Learning /since 2011, part of National Strategy for Lifelong Learning/.

DIGITALKIDZ



EXCELLENT

BULGARIAN SAFER INTERNET CENTRE

- The Bulgarian Safer Internet Centre works for the protection of children and young people in Internet by awareness raising, training, consultations and acting on reports from the public about online sexual abuse and exploitation of minors.
- The Bulgarian Safer Internet Centre presented a qualitative exploratory study “Young children (0-8) and digital technology” (conducted in the framework of the JRC’s project ECIT



EXCELLENT

BUT IT ISN'T ENOUGH!

CONCLUSION

- There it is necessary to thoroughly rethink the role of technology in Bulgarian education and the opportunities offered to build a new type of skills of young children. The educational institutions must become a partner in building successful personalities competitive to labor market.

THANK YOU FOR YOUR ATTENTION!

#DIGITALKIDZ

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