

**Terry Waller**

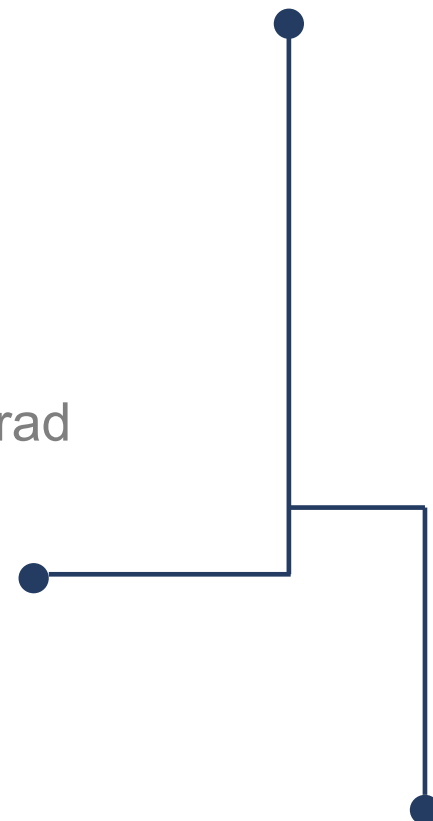
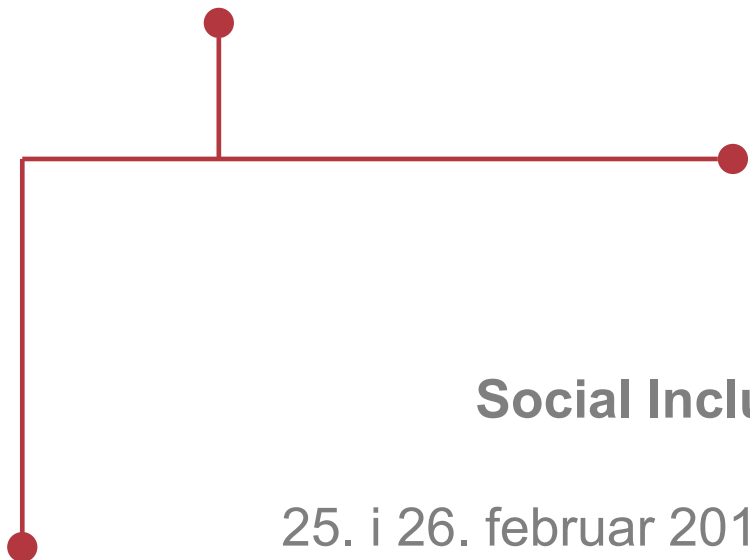
26 February 2014

NOVE TEHNOLOGIJE  
U OBRAZOVANJU



## Social Inclusion through ICT

25. i 26. februar 2014, Dom omladine, Beograd



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## Considerations

- European and International context and priorities
- ICT for inclusive learning – principles and issues
- Some examples of ICT to support socially isolated young people
- Equity initiatives (reducing the digital divide)
- ICT for inclusion in schools

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## Definitions and scale of the problem

Social inclusion is defined as:

“ a process ensuring that persons at risk of poverty and social exclusion be given opportunities and means necessary for a full participation in economic, social and cultural life and achieving living standards and welfare considered normal in the society they live in”.

It ensures enhanced participation in decision-making process which in turns affects rights and exercise of basic rights.

24% of all the EU population (over 120 million people), are at risk of poverty or social exclusion – this includes 27% of all children in Europe\*

\*Eurostat for EU27 (2012)

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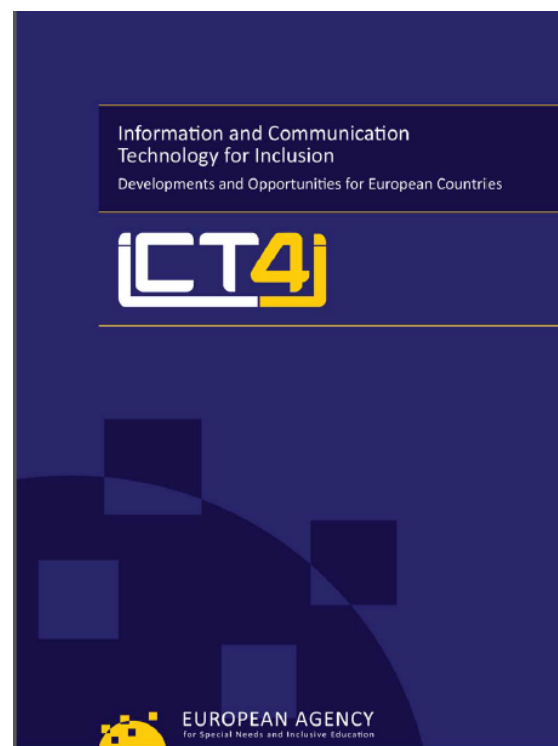
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## ICT for Inclusion – European Agency

- Involved 17 European Countries
- Project Synthesis and Country level reports
- Literature Review
- Review of International and European Policy
- Case studies

<http://www.european-agency.org/agency-projects/ict4i>



[www.britishcouncil.rs](http://www.britishcouncil.rs)

### ICT for social inclusion via distance learning

#### Bednet

- Children and adolescents 6 to 18 years
- Long-term and/or chronic illness
- Participation in collaborative learning during and after a lesson

<http://www.bednet.be/>

YouTube:

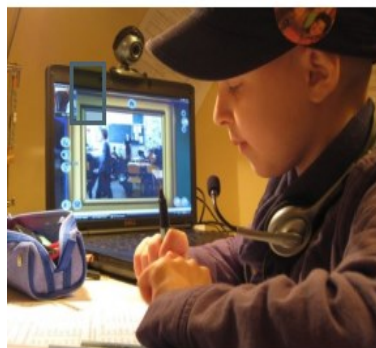
<http://www.youtube.com/watch?v=aAqLDCLtIlo>

#### At home:

- Computer
- Webcam
- Printer/scanner
- Headset

#### In the classroom:

- Computer
- Movable camera
- Printer/scanner
- Speakers/microphone



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### ICT for social inclusion via distance learning

#### Belfast Hospital School (UK, Northern Ireland)

- Learning modules,
- national learning platform,
- accredited courses

#### Benefits

- promoted self-esteem and confidence
- Overcome challenge of meeting the group face-to-face
- encouraged independent learning
- developed study, teamwork and ICT skills

The screenshot shows the Belfast Hospital School website homepage. At the top, it says 'Wholeschool Portal | Home' and '21 February 2014'. The main header features the school's logo and the name 'Belfast Hospital School' in a colorful, stylized font. Below the header is a navigation menu with options like 'Home', 'About Us', 'Home Tuition', 'News and Events', 'Photo Gallery', 'School in Hospital', 'Info for pupils', 'Teachers', 'Contact Us', 'Parents', 'Guestbook', 'Calendar', and 'Funny Bones'. A 'Login' button is visible in the top right corner. The main content area includes a section titled 'he left hand side!' with a large, colorful abstract painting. Below this is a 'Latest News' section with three articles: 'Funny Bones Project', 'Student Teachers sample an alternative classroom!', and 'A Special Night'. Each article has a small icon and a 'Read More...' link. A 'ICT MARK ACCREDITED' badge is also visible on the left side of the page.

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## ICT for social inclusion via distance learning

### Nisai (UK, England)

- Blended learning
- Accredited
- Virtual school
- Recorded lessons
- Peer interaction
- Vocational Centre
- E-learning trained teachers
- Pastoral support

<http://www.nisai.com/>

**nisai learning**

Supporting each learner's personal journey

HOME | WHAT WE DO | WHO WE WORK WITH | STUDENTS | HOW WE DO IT | PARTNERS | ABOUT US | OUR PASSION | NEWS

### Welcome

We support Schools, Academies, Colleges, PRUs, Care Homes, Local Authorities and parents in providing access to learning for students who struggle due to barriers to learning, whether physical, emotional or learning-related.

To see one student's experience, watch the video below by John Domokos of the Guardian, as he captures "A Level Results Day" with one of our students suffering with ME. It represents the success of our students who achieve qualifications, often against incredible odds.

### Post 16 Support

For students who are Post 16 and challenged by illness or a medical condition, the Nisai Virtual Academy can be the answer to supporting the dream for progression. **Learn More.**

Are English and Maths resits a problem? With the new requirement for Post 16 students to have at least a C in English and Maths GCSEs, Nisai provides

**BLOG**

### Can Autism Be A Cause For Excl...

On 11th February, Ambitious ab... Autism launched a campaign, Ru to focus on the reasons why chil with autism miss out on school. discovering that 4 in 10 children autism have been excluded informally/illegally from school.

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## European examples of ICT for inclusion

- Important issues were technical, attitudinal and personal factors: self confidence of users, teachers attitudes to ICT
- Key issues often considered in examples
  - Exploring how teachers work effectively with other professionals
  - The development of communities of ICT for inclusion professional practice
- The best examples challenge ways of thinking about using ICT



### Communication from the Commission, argues that:

EU education is failing to keep pace with the digital society and economy...

- Digital technologies are not being fully exploited in education and training systems across
- While 70% of teachers in the EU recognize the importance of training in digital-supported ways of teaching and learning
- Most teachers use ICT mainly to prepare their teaching, rather than to work with students during lessons.

(European Commission, 2013).

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## Bridging the Digital Divide - Home access initiatives

- Research highlights social, economic and learning benefits of internet enabled computer access (at home or personal/mobile)
- Home Access Programme in England
- Plan Ceibal in Uruguay
- Gates Foundation – Global Libraries



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## Key role for schools in inclusion through ICT (1)

- Communication friendly classrooms
- Accessible and assistive technologies
- Personalising learning
- Continuing professional development and sharing of good practice
- Digital competencies and e-safety practices

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## Key role for schools in inclusion through ICT (2)

- Engaging parent/carers and the wider community (charities, businesses, alternative curriculum providers)
- Coordinating multi-disciplinary support (education, health and social care)
- Enabling equality of access to technology for learning

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## ICT to support effective teaching and learning for all

- Peer tutoring
- Meta-cognition and self-regulation
- Behaviour interventions
- Social and emotional aspects of learning
- Parental involvement
- Phonics
- Digital technology

EEF / The Education Endowment Foundation

Education Endowment Foundation

Teaching and Learning Toolkit

Search

Toolkit Info | Toolkit Filter | Pupil Premium Calculator | Latest Updates | Downloads

Average Impact

Cost £££££

Evidence ★★★★★

Categories

Primary	Secondary
Classroom strategies	School organisation
Targeted interventions	

Reset Toolkit

**About Us**

The Education Endowment Foundation (EEF) is an independent grant-making charity dedicated to breaking the link between family income and educational achievement, ensuring that children from all backgrounds can fulfil their potential and make the most of their talents.

**News & Events**

- EEF in the news: Private Tuition
- EEF in the news: First EEF reports published
- Teaching assistants can improve numeracy and literacy when used effectively

<http://educationendowmentfoundation.org.uk/toolkit/>

[www.britishcouncil.rs](http://www.britishcouncil.rs)

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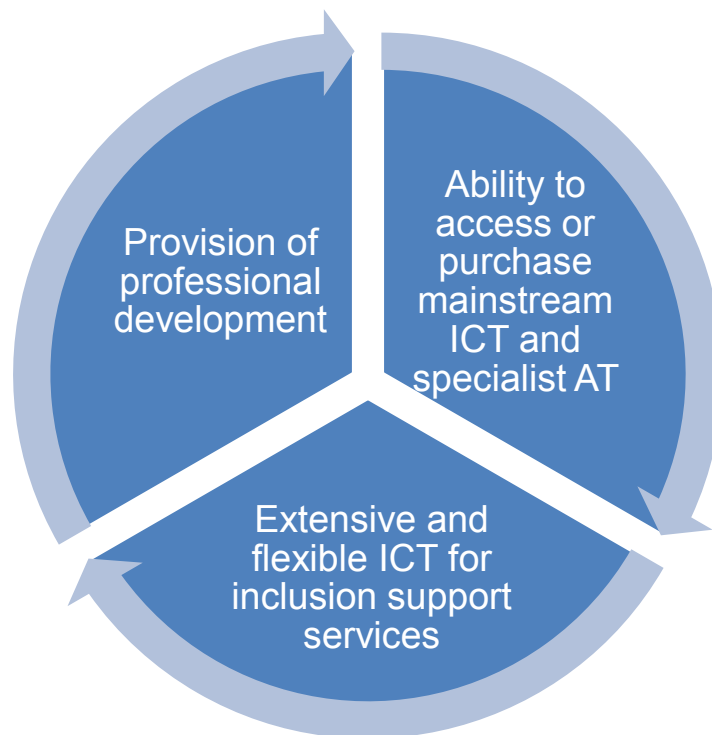
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## Support for school leaders – ICT for inclusive learning

Three factors  
appear crucial :

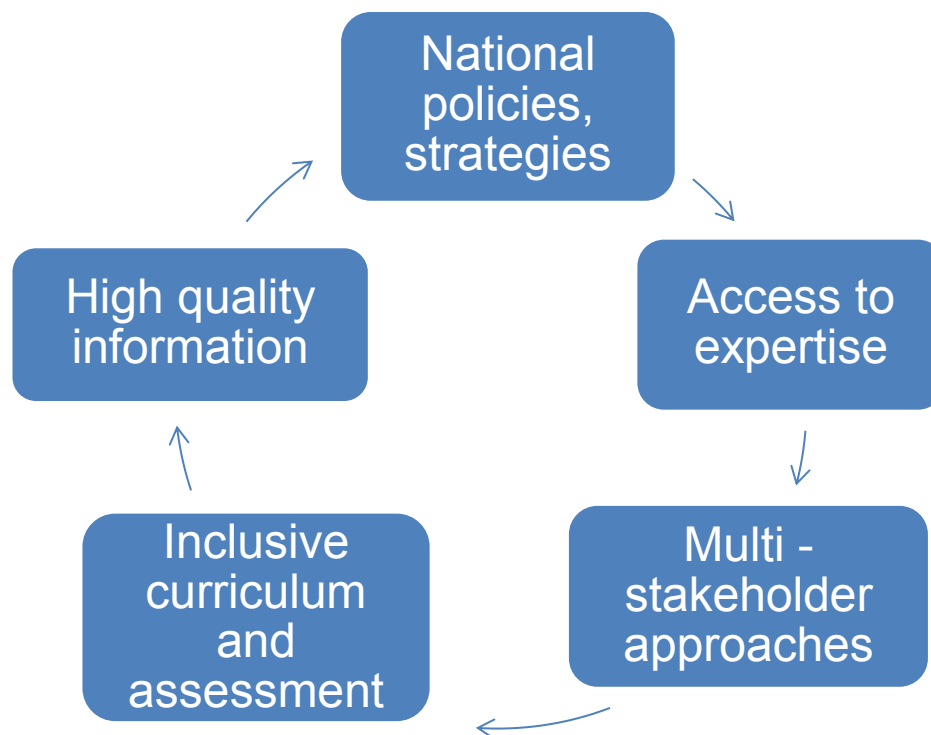


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Schools can be empowered by:



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## New technology opportunities

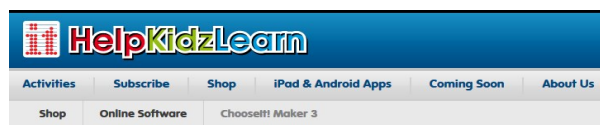


Virtual environments may expand opportunities for children with autism

Date: 30 Jan 2014



An innovative eye-tracking technology has now created real time experience of interaction between a child and a computerised character, which allows a child with autism to understand how visual signals aid understanding.



Create, edit and play personalised learning materials that can be used in your classroom and with individual students securely online and then download them to your iPad or Android tablet!



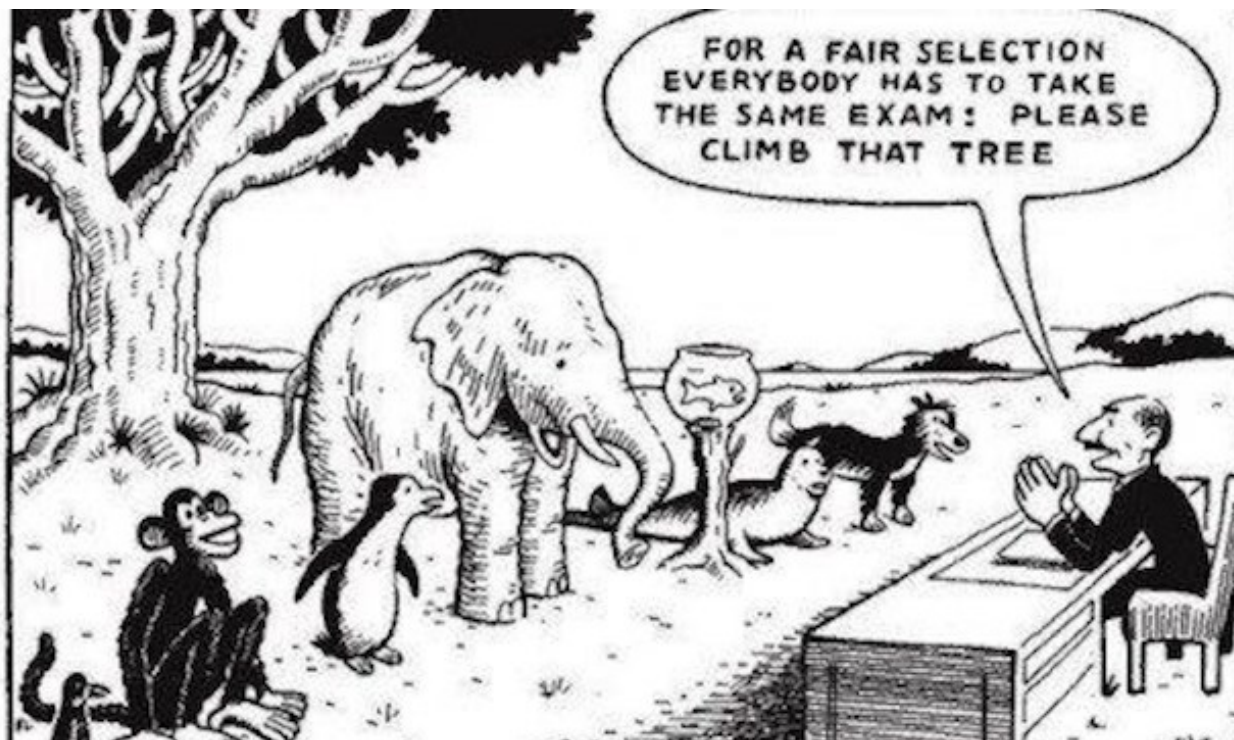


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Everybody is a genius...



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