



ICT4SDG

"One child,
one teacher,
one book,
one pen
can change
the world."

Malala Yousafzai



United Nations, 12 July 2013

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SUSTAINABLE
DEVELOPMENT GOALS
17 GOALS TO TRANSFORM OUR WORLD





#ICT4SDG

Technology is the cross-cutting pedagogical spark for all three pillars of sustainable development:

Economic growth

Social inclusion and

Environmental balance

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ICTs and the 2030 Agenda for Sustainable Development and the SDGs



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“The spread of information and communication technology and global interconnectedness has great potential to accelerate human progress, to bridge the digital divide and to develop knowledge societies, as does scientific and technological innovation across areas as diverse as medicine and energy.”

Four specific targets that reference ICT in the SDGs:

- ❖ Education (SDG4.b)
- ❖ Gender (SDG5b)
- ❖ Infrastructure for universal and affordable access to ICTs and the Internet in LDCs (SDG9.c)
- ❖ Means of Implementation (SDG17.8)





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The New Generation Gap:

Digital Natives VS Digital Immigrants

Cursive Writing VS Computer Coding

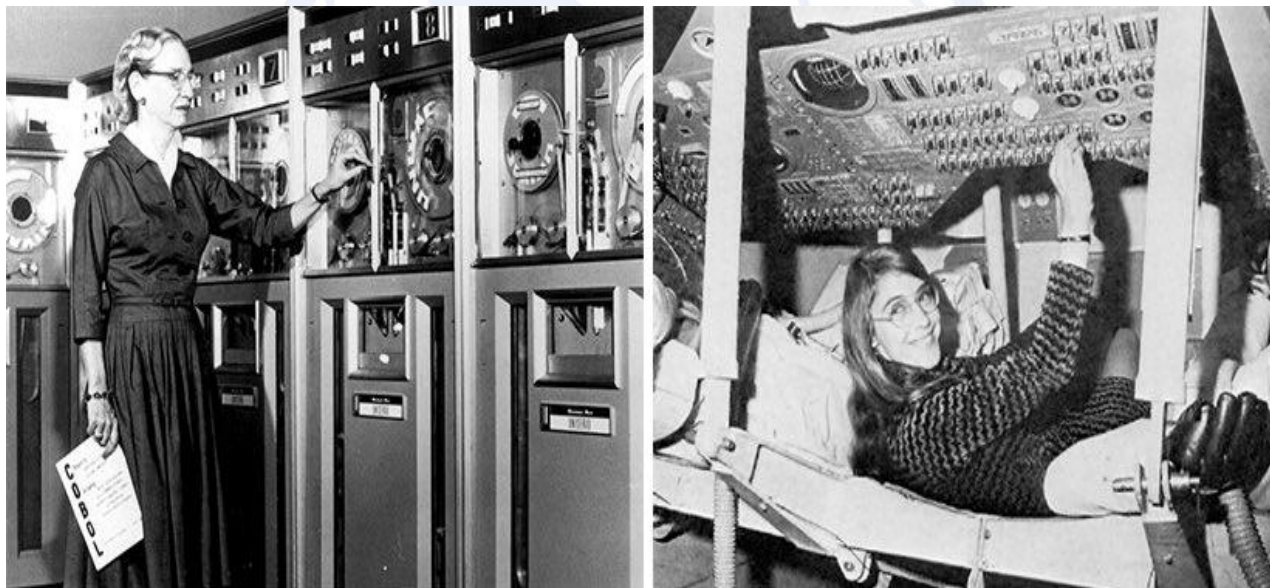


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The Junior Cycle, Gender and the growing STEM Gap 1976 vs 2016





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Digital Literacy

Digital literacy is the ability to effectively and critically navigate, evaluate and create information using a range of digital technologies.

Digital literacy does not replace traditional forms of literacy.

Digital literacy is much more than a combination of the two terms.

DIGITAL information is a symbolic representation of data, and LITERACY refers to the ability to read for knowledge, write coherently, and think critically about the written word.



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**What's real news?
What's an ad?
Students can't tell!**



CNET 22 November 2016

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The Critical Challenge for ESD

Data

≠

Information

≠

Knowledge

≠

Wisdom



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“EDUCATION
IS THE MOST
POWERFUL
WEAPON
WHICH YOU
CAN USE TO
CHANGE THE
WORLD.”

NELSON MANDELA

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