DEFINITIONS

**Educational Technology**

- A systematic way of designing, implementing, and evaluating the process of learning and teaching in terms of specific objectives, based on research in human learning and communication and employing a combination of human and non-human resources to bring about more effective instruction. The development and application and evaluation of systems, techniques and aids to improve the process of human learning. *(Ellington, Henry and Harris, Duncan, Dictionary of Instructional Technology, New York: Kpgan Page, 1986, Ref 370.3 D56d, Reference Section, University Library)*

- Educational technology is a creative blending of "idea" and "product" technologies with subject-matter content in order to engender and improve teaching and learning processes. Educational technology is often associated with the terms instructional technology or learning technology *(http://en.wikipedia.org/wiki/Educational_technology)*

- Educational technology - Using multimedia technologies or audiovisual aids as a tool to enhance the teaching and learning process. *(http://www.emsc.nysed.gov/technology/nclb/definition.htm)*

RELATED TERMS

- Instructional Technology

BOOKS

*Circulation Section
3rd Floor*

The AACTE Committee on Innovation and Technology, editor (2008) **Handbook of technological pedagogical content knowledge (TPCK) for educators.** 371.330711 H236


Chen, Milton (2010) **Education nation: six leading edges of innovation in our schools.** GSL/Cir 371.2090973 C518


Darbyshire, Paul, editor (2005) Instructional technologies: cognitive aspects of online programs 371.334 In59


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Laurillard, Dianam (2012) Teaching as a design science: building pedagogical patterns for learning and technology. GSL/Cir 371.102 L384


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Manning, Susan (2011) The Technology toolbelt for teaching. 371.334 M284


Niess, Margaret L. (2008) Guiding learning with technology. 371.33 N676


Sagar, Krishna (2005) Digital technology in education 371.33 Sa129


Sharma, Seema (2005) Advanced educational technology 371.33 Sh531


Tileston, Donna Walker (2004) What every teacher should know about using media and technology  371.33 T572


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2nd and 3rd Floor, APS Annex


Corpuz, Brenda B. (2012) Educational technology 1. TSA In-process


Millum, Trevor (2012) Improving literacy with ICT: ideas and resources for teaching ages 7-12.  Prof 371.334 M657


JOURNAL ARTICLES

Periodicals Section  
2nd Floor

Lessons online. : Educational technology for the undergraduate geology classroom. by S. A. Witham Journal of College Science Teaching p. 264-269 32(4) D-Ja ‘03


Socially responsible educational technology research by T. C. Reeves Educational Technology p. 19-28 40(6) N-D ’00

Speech recognition technology and students with writing difficulties: Improving fluency by T. Quinlan Journal of Educational Psychology p. 337-346 96(2) Je ’04

Teaching in a technology-rich classroom by D. Tiene and P. Luft Educational Technology p. 23-31 41(4) Jl-Ag ’01


Transforming learning with technology. : Beyond modernism and post-modernism or
whoever controls the technology... by D. H. Jonassen Educational Technology p. 21-25 XL(2) Mr-Ap '00

Using learning technologies ideas for keeping one's balance. by E. J. Burge Educational Technology p. 45-49 XXXIX(6) N-D '99

What is educational technology? a phenomenographic analysis of Filipino University teachers conceptions of learning technologies by Gravoso, R.S. The Asia-Pacific education researcher p. 29-45 13(1) Je '04

ELECTRONIC JOURNALS

Accessible Thru HAU Library Webpage
ProQuest Central

- Educational Technology Abstracts
- Educational Technology, Research and Development
- Journal of Educational Technology & Society
- Learning, Media and Technology
- TOJET : The Turkish Online Journal of Educational Technology
- Innovations in Education and Teaching International
- The International Journal for Technology in Mathematics Education
- Journal of Research on Technology in Education

INTERNET RESOURCES

Multimedia and Internet workstation
2nd and 3rd Floor

Journal of Educational Technology and Society

Educational Technology & Society seeks academic articles on the issues affecting the developers of educational systems and educators who implement and manage such systems.

Educational Technology: an introduction to teachers and learners

Web pages is designed to provide an introduction to the topic of educational technology. It is aimed at educators wanting to employ technology in their teaching, technologists - Web designers, developers, multimedia producers etc - contemplating entering this huge and growing market, educational administrators, learners, potential learners, employers or just about anyone with an interest in learning in the 21st century.

International Society for Technology in Education

ISTE is the "premier membership association for educators and education leaders engaged in improving teaching and learning by advancing the effective use of technology in PK-12 and higher education".

International Technology Education Association
The International Technology Education Association (ITEA) is the "professional organization for technology, innovation, design, and engineering educators. The mission is to promote technological literacy for all by supporting the teaching of technology and promoting the professionalism of those engaged in this pursuit. ITEA strengthens the profession through state and national legislative efforts, professional development, membership services, publications, and classroom activities".

Meridian Middle School Computer Technologies Journal
http://www.ncsu.edu/meridian/  [January 22, 2015]

The goal of Meridian Middle School Computer Technologies Journal is to "introduce educators to the reality and possibilities of applying the latest technology to teaching and learning in the middle school classroom".

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