



Using Online Programs to Centre Students in the Twenty-First Century

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Abstract

Because of the exponential growth of the internet and ICT, we, as promoters of education, should always be aware of the changes that society is endorsing outside of the classroom. The student is no longer the same introverted child that studied in the workbenches years ago. Today students belong to a time with smartphones, tablets, and a wide range of new portable technologies. Today's students are used to seeking different forms and ways of motivation in and out of the classroom, and they want the teaching and learning process to integrate with society and its latest technologies. The number of internet users has increased tenfold from 1999 to 2014. The first billion was reached in 2005, the second billion in 2010, the third billion in 2014. This means access to the world wide web is increasing rapidly. In 2020, the percentage will rise again, and consequently, an incredibly large number of people, youngsters and adults, will have access to the internet. The slogan that drives the world today is anywhere... anytime!

References

Alert, D. (2016). *The impact of technology on our lives*. Accessed online 15/06/2017 <http://mydailyalerts.com/impact-technology-lives> (<http://mydailyalerts.com/impact-technology-lives>)

An, J.-Y., & Williams, K. (2010). Teaching with Web 2.0 technologies: Benefits, barriers and lessons learned. *International Journal of Instructional Technology and Distance Learning*, 7(3), 41-48.

Attard, C. (2016). *Primary mathematics: Making the most of the technology to assess student learning*. Accessed online 26/06/2017 <https://engagingmaths.co/2016/10/26/primary-mathematics-making-the-most-of-technology-to-assess-student-learning/> (<https://engagingmaths.co/2016/10/26/primary-mathematics-making-the-most-of-technology-to-assess-student-learning/>)

Audi, D., & Zarrad, R. (2013) A new dimension to teaching mathematics using iPads. *Education and Technology-TASET*. Accessed online 19/04/2017 <http://www.sciencedirect.com/science/article/pii/S1877042813037518> (<http://www.sciencedirect.com/science/article/pii/S1877042813037518>)

Follow Reference

Brophy J. (1996). Teaching problem students. New York, NY: The Guilford Press.

Follow Reference

Ciussi M. Freitas E. G. (2012). Leading issues in e-learning research for researchers, teachers and students. Academic Conferences Limited.

Crompton, H. (2012). *How Web 2.0 is changing the way students learn: The Darwikinism and Folksonomy revolution*. Accessed online 25/06/2017 <https://eleed.campussource.de/archive/8/3240> (<https://eleed.campussource.de/archive/8/3240>)

Dargham, J., Saeed, D., & Mcheik, H. (2013). E-Learning at school level: Challenges and benefits. *Proceedings International Arab Conference on Information Technology*.

Follow Reference

Dogruer, N., Eyyam, R., & Menevis, I. (2011). The use of the internet for educational purposes. *Procedia - Social and Behavioral Sciences*, 28, 606-611. 10.1016/j.sbspro.2011.11.115

Follow Reference

Fultz D. (2017). Ten steps for genuine leadership in schools (Eye on Education) (1st ed.). New York, NY: Routledge.

Galligan, L. (2010). The use of tablet and related technologies in mathematics teaching. *Australian Senior Mathematics Journal*, 24. Accessed online 16/06/2017 <http://files.eric.ed.gov/fulltext/EJ891808.pdf> (<http://files.eric.ed.gov/fulltext/EJ891808.pdf>)

Hamad, M. (2015). *Use "KAHOOT" to add excitement and fun to class quiz*. Accessed online: <http://edutechsage.com/2015/12/13/use-kahoot-to-add-excitement-and-fun-to-class-quiz/> (<http://edutechsage.com/2015/12/13/use-kahoot-to-add-excitement-and-fun-to-class-quiz/>)

Hanowell, B. (2016). *Life expectancy is, overall, increasing*. Accessed online 17/06/2017:

http://www.slate.com/articles/health_and_science/medical_examiner/2016/12/life_expectancy_is_still_increasing.html
(http://www.slate.com/articles/health_and_science/medical_examiner/2016/12/life_expectancy_is_still_increasing.html)

Head, A., & Eisenberg, M. (2011). How college students use the Web to conduct everyday life research. *First Monday*. Accessed online 01/10/2017 <http://firstmonday.org/ojs/index.php/fm/article/view/3484/2857> (<http://firstmonday.org/ojs/index.php/fm/article/view/3484/2857>)

Follow Reference

Hughes D. Adriaanse K. Barnes S.-A. (2016). Adult education: Too important to be left to chance. University of Warwick, Institute for Employment Research. IER.

Hull, J. (2010). *Cutting to the bone: How the economic crisis affects schools*. Center for public education. Accessed online 09/09/2017 <http://www.centerforpubliceducation.org/Main-Menu/Public-education/Cutting-to-the-bone-At-a-glance/Cutting-to-the-bone-How-the-economic-crisis-affects-schools.html> (<http://www.centerforpubliceducation.org/Main-Menu/Public-education/Cutting-to-the-bone-At-a-glance/Cutting-to-the-bone-How-the-economic-crisis-affects-schools.html>)

Hurlburt, S. (2008). Defining tools for a new learning space: Writing and reading class blogs. *MERLOT Journal of Online Learning and Teaching*, 4(2), 182-189. Retrieved from <http://jolt.merlot.org/vol4no2/hurlburt0608.pdf> (<http://jolt.merlot.org/vol4no2/hurlburt0608.pdf>)

MindTools. (2017). Accessed online 13/06/2017 https://www.mindtools.com/pages/article/newCDV_26.htm
(https://www.mindtools.com/pages/article/newcdv_26.htm)

OECD. (2015). *Migration policy debates*. Accessed online 17/06/2017 <https://www.oecd.org/migration/Is-this-refugee-crisis-different.pdf>
(<https://www.oecd.org/migration/Is-this-refugee-crisis-different.pdf>)

Pavão, D. (2017). *O Ensino da Matemática no 1º CEB e o Software Kahoot* (Master Thesis). Retrieved from <http://hdl.handle.net/10314/3681>
(<http://hdl.handle.net/10314/3681>)

Follow Reference

Richardson W. (2009). Blogs, wikis, podcasts, and other powerful web tools for classrooms (2nd ed.). Thousand Oaks, CA: Corwin Press.

Schwab, K. (2016). *The fourth industrial revolution: What it means, how to respond*. Retrieved from <https://www.weforum.org/agenda/2016/01/the-fourth-industrial-revolution-what-it-means-and-how-to-respond/>
(<https://www.weforum.org/agenda/2016/01/the-fourth-industrial-revolution-what-it-means-and-how-to-respond/>)

Follow Reference

Shirley A. David B. Susan M. Mackay A. Selinger M. Whitby G. (2013). Beyond the classroom: A new digital education for young Australians in the 21st century. Digital Education Advisory Group.

Follow Reference

Talebian, S., Mohammadi, H., & Rezvanfar, A. (2014). Information and communication technology (ICT) in higher education: Advantages, disadvantages, conveniences and limitations of applying e-learning to agricultural students. *Procedia - Social and Behavioral Sciences*, 152, 300-305. 10.1016/j.sbspro.2014.09.199

University of Massachusetts (Amherst campus). (n.d.). *Teaching and learning online: Communication, community, and assessment: A handbook for UMass faculty*. Amherst, MA: University of Massachusetts.

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