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Early childhood online education in the COVID-19 context. Behavioral Patterns for User Interface Design (Conference Paper) (Open Access)

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Abstract

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The outcomes from the lived experience descriptions show that tested indicators for the evaluation of both MOOCs and preschool education are insufficient or inexact for the assessment of our current condition. Most of the main online platforms, based on universities or as products of local entrepreneurships have ignored the preschool group. The already proposed generic solutions do not meet preschool education's needs. Considering Behavioral Patterns we propose a model useful for both the evaluation of ongoing experiences and the organization of new content. © 2020 IEEE.

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-
- 1 (2010) *Pandemic (H1N1) 2009-update 112*. Cited 468 times.
WHO, [Online] Available, [Accessed: 30-Mar-2020]
https://www.who.int/csr/don/2010_08_06/en/
-
- 2 (2020) *COVID-19 Coronavirus Pandemic. Confirmed Cases and Deaths by Country, Territory, or Conveyance*
WHO, [Online], [Accessed: 23-May-2020]
<https://ourworldindata.org/grapher/covid-19-total-confirmed-cases-vs-total-confirmed-deaths>
-
- 3 (2020) *COVID-19 Projections*. Cited 18 times.
IHME, Institute for Health Metrics and Evaluation, [Online] Available, [Accessed: 23-May-2020]
<https://covid19.healthdata.org/united-states-of-america>
-
- 4 (2019) *Nonpharmaceutical Interventions (NPIs)*. Cited 2 times.
CDC, Centers for Disease Control and Prevention, [Online], [Accessed: 30-Mar-2020]
<https://www.cdc.gov/nonpharmaceutical-interventions/index.html>
-
- 5 (2019) *Non-pharmaceutical Public Health Measures for Mitigating the Risk and Impact of Epidemic and Pandemic Influenza*. Cited 17 times.
WHO, [Online], [Accessed: 30-Mar-2020]
<https://extranet.who.int/sph/docs/file/3850>
-
- 6 (2020) *La Educación en América Latina y El Caribe Ante El COVID-19*
UNESCO, [Online], [Accessed: 23-May-2020]
<https://es.unesco.org/fieldoffice/santiago/covid-19-education-alc>
-
- 7 (2020) *Interrupción Educativa y Respuesta Al COVID-19*. Cited 2 times.
UNESCO, [Online], [Accessed: 23-May-2020]
<https://es.unesco.org/covid19/educationresponse>
-
- 8 (2020) *Survey on National Education Responses to COVID-19 School Closures-Due 7 May 2020*
UNESCO, United Nations Educational, Scientific and Cultural Organization, [Online] Available, [Accessed: 23-May-2020]
<http://uis.unesco.org/en/news/survey-national-education-responses-covid-19-school-closures-due-7-may-2020>
-
- 9 (2020) *COVID-19 and Early Childhood Education Workforce*
UNESCO, [Online], [Accessed: 23-May-2020]
<https://en.unesco.org/news/take-survey-covid-19-and-early-childhood-education-workforce>
-

-
- 10 (2020) *Minedu Inicia Curso Virtual Sobre El Rol Del Docente en la Enseñanza a Distancia* RPP, [Online], [Accessed: 17-Apr-2020]
<https://rpp.pe/politica/gobierno/coronavirus-en-peru-covid-19-minedu-inicia-curso-virtual-sobre-el-rol-del-docente-en-la-ensenanza-a-distancia-noticia-1257751?ref=rpp>
-
- 11 Ferdig, R.E.
What massive open online courses have to offer K-12 teachers and students
(2013) *Michigan: Michigan Virtual Learning*. Cited 2 times.
Research Institute
-
- 12 Stackhouse, M., Falkenberg, L., Drake, C., Mahdavi-mazdeh, H.
Why Massive Open Online Courses (MOOCs) have been resisted: A qualitative study and resistance typology

(2020) *Innovations in Education and Teaching International*, 57 (4), pp. 450-459.
<http://www.tandf.co.uk/journals/titles/14703297.asp>
doi: 10.1080/14703297.2020.1727353

View at Publisher
-
- 13 Kaplan, A.M., Haenlein, M.
Higher education and the digital revolution: About MOOCs, SPOCs, social media, and the Cookie Monster

(2016) *Business Horizons*, 59 (4), pp. 441-450. Cited 195 times.
<http://www.elsevier.com/locate/bushor>
doi: 10.1016/j.bushor.2016.03.008

View at Publisher
-
- 14 Trinidad, R.
(2005) *Entre la Ilusión y la Realidad*. Cited 3 times.
Lima: IEP
-
- 15 Shah, D.
(2017) *MOOCs Find Their Audience: Professional Learners and Universities*
[Online], [Accessed 01-Apr-2020]
<https://www.classcentral.com/report/moocs-find-audience-professional-learners-universities/>
-
- 16 (2019) *Identificar Las Desigualdades Para Actuar*
UNICEF, [Online], [Accessed 23-May-2020]
<https://www.unicef.org/lac/informes/identificar-las-desigualdades-para-actuar>
-
- 17 (2016) *Programa Curricular de Educación Inicial*. Cited 11 times.
MINEDU, Lima: Ministerio de Educación
-
- 18 (2020) *English in Early Childhood: Language Learning and Development*
British Council, [Online], [Accessed 24-May-2020]
<https://learnenglish.britishcouncil.org/course/english-early-childhood-language-learning-and-development>
-

-
- 19 M. Van Welie, M., Veer Der Van, G.C., Eliëns, A.
Patterns as Tools for User Interface Design
(2001) *Tools for Working with Guidelines*. Cited 63 times.
J. Vanderdonckt, C. Farenc (eds), London: Springer
-
- 20 Tidwell, J., Brewer, C., Valencia, A.
(2020) *Designing Interfaces. Patterns for Effective Interaction Design*. Cited 393 times.
Newton MA: O'Reilly Media
-
- 21 Woodbury, R.
(2010) *Elements of Parametric Design*. Cited 213 times.
New York: Routledge
-
- 22 Daradoumis, T., Bassi, R., Xhafa, F., Caballé, S.
A review on massive e-learning (MOOC) design, delivery and assessment ([Open Access](#))

(2013) *Proceedings - 2013 8th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing, 3PGCIC 2013*, art. no. 6681230, pp. 208-213. Cited 161 times.
ISBN: 978-076955094-7
doi: 10.1109/3PGCIC.2013.37

[View at Publisher](#)
-
- 23 Yousef, A.M.F., Chatti, M.A., Schroeder, U., Wosnitza, M.
What drives a successful MOOC? An empirical examination of criteria to assure design quality of MOOCs

(2014) *Proceedings - IEEE 14th International Conference on Advanced Learning Technologies, ICALT 2014*, art. no. 6901394, pp. 44-48. Cited 119 times.
ISBN: 978-147994038-7
doi: 10.1109/ICALT.2014.23

[View at Publisher](#)
-
- 24 Schaffer, H.R., Emerson, P.E.
PATTERNS OF RESPONSE TO PHYSICAL CONTACT IN EARLY HUMAN DEVELOPMENT

(1964) *Journal of Child Psychology and Psychiatry*, 5 (1), pp. 1-13. Cited 64 times.
doi: 10.1111/j.1469-7610.1964.tb02126.x

[View at Publisher](#)
-
- 25 Anderson, T., Dron, J.
Three generations of distance education pedagogy ([Open Access](#))

(2011) *International Review of Research in Open and Distance Learning*, 12 (3), pp. 80-97. Cited 317 times.
<http://www.irrodl.org/index.php/irrodl/article/download/890/1826>
doi: 10.19173/irrodl.v12i3.890

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-

-
- 26 Little, D.
Freedom to learn and compulsion to interact: Promoting learner autonomy through the use of information systems and information technologies
(1996) *Taking Control: Autonomy in Language Learning*. Cited 57 times.
R. Pemberton, Hong Kong University Press
-
- 27 Comercio, E.
(2020) *La Cuarentena y El Colegio: ¿cómo Es El Aprendizaje en Línea en Alumnos de Educación Inicial en Tiempos de Pandemia?*
[Online], [Accessed 23-May-2020]
<https://elcomercio.pe/viu/la-cuarentena-y-el-colegio-como-es-el-aprendizaje-en-linea-en-alumnos-de-educacion-inicial-en-tiempos-de-pandemia-noticia?ref=ecr>
-
- 28 Rinaldi, C.
Documentation and assessment: What is the relationship?

(2005) *Beyond Listening: Children's Perspectives on Early Childhood Services*, pp. 17-28. Cited 42 times.
<https://policypress.co.uk/beyond-listening>
ISBN: 978-144734240-3; 978-186134612-4

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-
- 29 Kim, P., Miranda, T., Olaciregui, C.
Pocket School: Exploring mobile technology as a sustainable literacy education option for underserved indigenous children in Latin America

(2008) *International Journal of Educational Development*, 28 (4), pp. 435-445. Cited 57 times.
doi: 10.1016/j.ijedudev.2007.11.002

View at Publisher
-
- 30 (2019) *To Grow up Healthy, Children Need to Sit Less and Play More*. Cited 124 times.
WHO, [Online], [Accessed: 24-May-2020]
<https://www.who.int/news-room/detail/24-04-2019-to-grow-up-healthy-children-need-to-sit-less-and-play-more>
-
- 31 Wu, X., Tao, S.
The relationship between screen time, nighttime sleep duration, and behavioural problems in preschool children in China
(2016) *European Child & Adolescent Psychiatry*, (5).
26
-
- 32 Zevenbergen, R., Logan, H.
Computer use by preschool children: Rethinking practice as digital natives come to preschool

(2008) *Australian Journal of Early Childhood*, 33 (1), pp. 37-44. Cited 61 times.

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-

□ 33 *León Trahtemberg: 'Podemos Convertir Esta Crisis en un Salto Cualitativo'*
Correo, [Online], [Accessed: 22-May-2020]
<https://diariocorreo.pe/politica/leon-trahtemberg-podemos-convertir-esta-crisis-en-un-salto-cualitativo-noticia/?ref=dcr>

□ 34 UNICEF. Niños en un mundo digital. [Online] Available, [Accessed: 21-May-2020]
<https://www.unicef.org/media/48611/file>

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