.org/sites/default/files/state-of-the-nation-report-of-u k-science-education.pdf (Access Date: 06/04/2021).

- [14] Gawande A. (2015). Century of the System https://www.youtube.com/watch?v=o5NP0KKQLJU (Access Date: 11/01/2021).
- [15] Smith, R. L., and Rose, A. J. (2011). The "cost of caring" in youths' friendships: Considering associations among social perspective taking, corumination, and empathetic distress. *Developmental Psychology*, 47(6), 1792–1803. https://doi.org/10.1037/a0025309.
- [16] The Guardian. (2020). "Overwhelming and terrifying: the rise of climate anxiety" https://pm221 00.net/01\_PDF\_THEMES/97\_ARTICLES\_DIVERS /64\_FEVRIER\_2020/200211\_GW\_psy\_damage.pdf (Access Date: 10 February 2021).
- [17] Kaplan, R., and Kaplan, S. (1989). The experience of nature: A psychological perspective. Cambridge University Press.
- [18] Nichols, Wallace J. (2014). Blue Mind: The Surprising Science That Shows How Being Near, In, On, or Under Water Can Make You Happier, Healthier, More Connected, and Better at What You Do.
- [19] Vass Project. (2015). The virtual world meets the authentic world in sensuous and integrated learning. (Sweden).
- [20] Bird, A. (2020). Evaluating the impact of Burrenbeo Trust Place based learning and community stewardship. Irish Research Council Employment Based Postgraduate Scholar, Discipline of Geography, School of Geography and Archaeology, National University of Ireland, Galway.

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