

Developing English presentation skills as a component of collaboration competence for sustainable development

Nataliia Zaitseva*

Dmytro Motorny Tavria State Agrotechnological University, Department of Foreign Languages, Melitopol, 72312, Ukraine

Abstract. The paper deals with the problem of teaching non-linguistics students English presenting as a component skill of collaboration competence. Students' considerable reluctance to take up this type of creative activity and to present their ideas in front of their colleagues is a serious obstacle to develop their communicative abilities necessary for prospective leaders of the 21st century in science and industry. The results of the survey of Machine Building and Computer Science students as to reasons for their disinclination to create presentations are presented. The strategy for overcoming students' unwillingness and building their presenting confidence are given. The example of implementation of a task for strategic thinking for sustainable development within the discipline 'English as a foreign language' is given. The aspects and stages of effective online presentation editor application for teaching English presenting are analysed. The results of students' choice of five presentation tools are included. Three prospective online presentation makers are analysed and their utility for creating and giving English presentations are studied. It is stated that the most promising online tool is Prezi since it offers prepared professional quality features and incites developing and incorporating personal creative ideas through bright and uncommon visual means.

1 Introduction

Abilities to learn, to deduce new ideas from current data, to produce new knowledge and to share it in order to encourage new research are outcomes of the modern university study. Universities must "play an increasingly important role in helping students become responsible and active citizens, with a clear vision of the importance and future challenges of sustainability" [1]. According to the Strategy for Education for Sustainable Development developed by the United Nations Economic Commission for Europe (UNECE), education is a prerequisite for achieving sustainable development. It is essential to equip people with knowledge of and skills in sustainable development, making them more competent and confident [2]. In order to undoubtedly reveal own potential as a valuable asset, a global thinker and a prospective change maker, a present student should be taught adopting an alternative educational approach which includes in addition designing and presenting sustainability projects. The implementation of the sustainability principles into curricula can provide students with all necessary knowledge and skills. But the extent to which this implementation is possible and ranges of disciplines involved are being considered by most universities separately. Since English is the language of global communication, this discipline should inevitably inculcate sustainable development ideas in students. It is crucial for prospective leaders in science

and industry of the 21st century to be able to clear their communicative intention and achieve communication goals in English. Ukrainian graduates in Engineering and IT specialities should be able to help reduce national and global poverty, connect people and enhance common IT competency, create inclusive societies through multinational engineering projects. Ukraine has considerable potential for rapid development of partnerships with the countries of the European Union and in the Northern Hemisphere in the fields of sustainable economics and production. Today, demand on qualified human resources outweighs importance of available material resources in most key industries and IT sphere. The interest of foreign companies in Ukrainian employees is undeniable. However, one of the basic requirements for a professional-to-be with impressive career prospects is according to the study of V. Osadchyi and S. Symonenko [3, 4] advanced English communication skills. Forming communicative skills and command of English are preconditions for educating professionals-to-be as global citizens for sustainable development.

....

* Corresponding author: natalija_zajtseva@ukr.net

... To sum up all the mentioned above strategies it should be inculcated in potential speakers that using an online presentation maker can be highly productive and can help them to stand out against other speakers whose reports are accompanied by less impressive visuals. However, creating presentation in an online editor takes up much more meticulous preparation, enlarges design timetable and demands thorough training.

As far as a teacher is concerned, after detailed explanation, a well-founded persuasion speech, demonstrating online editor impressiveness by personal example (giving a presentation to students) and assisting inspired beginners in working out a web browser presentation, a teacher can benefit from their efforts: students understand the sustainable development presence necessity and are able to discuss it; they know the principles of speaking and are able to share ideas, to impress and to build consensus verbally in their future engagements; they are able to choose appropriate visual accompaniment to achieve their communicative goals, their presentations look bright and up-to-date. Therefore, multiple presentation assignments within an academic discipline have a distinct advantage when teaching Engineering and Computer Science students creating and giving English presentations. While cooperating with a teacher and creating their own product within the educational approach to training application of online presentation makers students experience the interactive, learner-centered and action-oriented pedagogy technique which is one of the crucial elements of Education for Sustainable Development developed by UNESCO.

5 Conclusions

In conclusion it should be stated that purposeful improvement of communication skills should be an inevitable component of educational activities in English as academic discipline in accordance with the 21st century skills strategy and sustainable development goals. A presentation accompanied with online editors is the most promising task, because students are trained to use an English interface application, to compose a narrative of specific format in order to balance their presentation, inculcated interactive speaking strategies. Students are willing to learn about new means to express themselves and able to soundly opt for the most suitable for them online presentation maker. The role of successful presenting should not be underestimated by students themselves, because it performs the informing, developing, assessing and educating functions and ensures teaching and learning to think and act for themselves according to the Learning Outcomes of Education for Sustainable Development strategy.

References

1. C.B. Aktas, R. Whelan, H. Stoffer, E. Todd, C. Kern, J. Clean. Prod. **106** (2014)
2. Strategy for Education for Sustainable Development (UNECE. Sustainable Development Goals, 2020),

- <https://www.unece.org/ru/env/esd.html>. Accessed 05 Feb 2020
3. S. Symonenko, V. Osadchyi, in *MEES'19: Peculiarities of English Language Training for Electrical Engineering Students at Ukrainian Universities*, IEEE International Conference on Modern Electrical and Energy Systems, Kremenchuk, Ukraine (IEEE, 2019), pp. 394–397
4. S. Symonenko, V. Osadchyi, Information Technologies and Learning Tools **58**(2), 38–48 (2017)
5. Key Competencies in Sustainability (ASU's School of Sustainability, 2020), https://static.sustainability.asu.edu/schoolMS/sites/4/2018/04/Key_Compentencies_Overview_Final.pdf. Accessed 07 Feb 2020
6. Framework for 21st Century Learning (Battelle for Kids, 2019), <https://www.battelleforkids.org/networks/p21/frameworks-resources>. Accessed 03 Feb 2020
7. B. Kurshan, Teaching 21st Century Skills For 21st Century Success Requires An Ecosystem Approach (Forbes Media LLC, 2020), <https://www.forbes.com/sites/barbarakurshan/2017/07/18/teaching-21st-century-skills-for-21st-century-success-requires-an-ecosystem-approach/#75a1b14b3fe6>. Accessed 04.02.2020
8. 21st Century Skills (The Glossary of Education Reform, 2016), <https://www.edglossary.org/21st-century-skills/>. Accessed 02 Feb2020
9. H. Kanuka, Characteristics of effective and sustainable teaching development programmes for quality teaching in higher education. Higher Education Management and Policy (2010). doi:10.1787/hemp-22-5kmbq08ncr25
10. L. Milovanova, *Izvestiya BGPU. Teoriya i metodika obucheniya i vospitaniya* **5**(69), 127–131 (2012)
11. O. Karpova, in *Navchannia inozemnoi movy maibutnikh ekonomistiv zasobamy multymediinykh tekhnologii* (Teaching Economists-to-be a foreign language by means of multimedia technology). (Instytut obdarovanoi dytyny, Kyiv, 2016), pp. 23–24
12. B. Chivers, M. Shoolbred, *A Student's Guide to Presentations* (SAGE Publications, London, 2007), pp. 2–6
13. 6 Different Types of Presentations (The Bob Pike Group, 2020), <https://www.bobpikegroup.com/resources/trainer-blog/presentations>. Accessed 02 Feb 2020
14. R. Zeoli, Public Speaking in the Twenty-first Century (The International Institute of Debate, 2020), <http://iidebate.org/public-speaking/>. Accessed 04 Feb 2020
15. C. Gallo, Don't Abolish In-Class Presentations, Teach Students To Enjoy Public Speaking (Forbes Media LLC, 2020), <https://www.forbes.com/sites/carminegallo/2018/09/23/dont-abolish-in-class-presentations-teach-students-to-enjoy-public-speaking/#7b576d527ccb>. Accessed 02 Feb 2020
16. P. Hyman, Why The Art of Speaking Should Be Taught Alongside Math and Literacy (MindShift, 2016), <https://www.kqed.org/mindshift/46546/why->

- the-art-of-speaking-should-be-taught-alongside-math-and-literacy. Accessed 05 Feb 2020
17. English as a foreign language for Machine Building students (NIP TSATU, 2020), <http://nip.tsatu.edu.ua/course/view.php?id=3271>. Accessed 05 Feb 2020
 18. J. Hughes, K. Wood, *Navigate: Coursebook with video* (Oxford University Press, Oxford, 2015)
 19. UNESCO and Sustainable Development Goals. (UNESCO, 2020), <https://en.unesco.org/sustainabledevelopmentgoals>. Accessed 10 Feb 2020
 20. Presentation Software. Online Presentation Tools. (Prezi Inc., 2020), <https://prezi.com/>. Accessed 05 Feb 2020
 21. Keynote. Beautiful presentations for everyone. By everyone (Apple Inc., 2020) <https://www.apple.com/uk/keynote/>. Accessed 05 Feb 2020
 22. Canva. Design anything (Canva, 2020), <https://www.canva.com/>. Accessed 05 Feb 2020
 23. Beautiful.ai. Be proud of what you present. (Beautiful.ai, 2020), <https://www.beautiful.ai/>. Accessed 05 Feb 2020
 24. Haiku Deck. Beautiful presentations without the struggle (Haiku Deck, Inc., 2020), <https://www.haikudeck.com/>. Accessed 10 Feb 2020