**Βιβλιογραφία**

Buckley, J., Seery, N., & Canty, D. (2018). Heuristics and CAD modelling: an examination of student behaviour during problem solving

episodes within CAD modelling activities. International Journal of Technology and Design Education, 28(4), 939-956.

Berry, R.Q., Bull, G., Browning, C., Thomas, C.D., Starkweather, G., Aylor, J. (2010). Use of digital fabrication to incorporate engineering

design principles in elementary mathematics education. Contemporary Issues in Technology and Teacher Education, 10(2), 167–172.

Brown, T. (2009). Change by Design. How Design Thinking transforms Organizations and inspires Innovation. New York: Harper Collins

Publishers.

Canessa, E., Fonda, C., & Zennaro, M. (2013). Low-cost 3D Printing for Science, Education & Sustainable Development. Trieste, Italy: ICTP—

The Abdus Salam International Centre for Theoretical Physics.

Cavanaugh, T. & Eastham, N. (2017). The 3D Printer as Assistive Technology. In P. Resta & S. Smith (Eds.), Proceedings of Society for

Information Technology & Teacher Education International Conference, (pp. 95-102). Retrieved from

https://www.learntechlib.org/p/177280.

Celani, G. (2012) Digital fabrication laboratories: pedagogy and impacts on architectural education, Nexus Network Journal, 14(3), (2012)

469–482.

Chen, J. & Cheng, L. (2021). The influence of 3D printing on the education of primary and secondary school students. Journal of Physics:

Conference Series, 1976, 012072.

Chen, L.A. Theory and Practice of Creative Thinking Teaching, 6th ed.; Psychological Publishing: Taipei, Taiwan, 2006; ISBN 957702940X.

Chester, I. (2007). Teaching for CAD expertise. International Journal of Technology and Design Education, 17(1), 23-35.

Cross, N., Dorst, K., Roozenburg, N. (Eds.) (1992). Research in Design Thinking. Delft: Delft University Press.

Eastman, C., McCracken M., Newsteller, W. (Eds.) (2001). Design Knowing and Learning: Cognition in Design Education. Oxford: Elsevier

Science Ltd.

Ford, S., & Minshalla, T. (2019). Where and how 3D printing is used in teaching and education. Additive Manufacturing, 25, 131–150.

Gagne, R. M., Wager, W. W., Golas, K. C., Keller, J. M., & Russell, J. D. (2005). Principles of instructional design. Performance Improvement,

44(2), 44-46.

Laisney, P., & Brandt-Pomares, P. (2015). Role of graphics in the learning design process. International Journal of Technology and Design

Education, 25(1), 109-119.

Lee, M. H., & Wang, C. H. (2014). Develop Students’ Future Imagination and Ability to Create—Introduction to IDEO. Design Thinking

Model. Taiwan Educ. Rev., 6, 28–30.

Martin, R. (2009). The Design of Business. Why Design Thinking is the next Competitive Advantage. Boston, Massachusetts: Harvard Business

Press.

Qiu, R. (2008). Creative problem-solving strategies for science and technology teaching activities design—Wonderful ideas for “frames”.

Life Sci. Educ. Mon. 2008, 41, 49–60.

Stickdorn, M., Schneider, J. (Eds.) (2010). This is Service Design Thinking. Basic - Tools - Cases. Amsterdam: BIS Publisher.

Stier, K., Brown, R. (2000). Integrating rapid prototyping technology into the curriculum. Journal of Industrial Technology, 17(1), 1–6.

Tschimmel, K. (2012). Design Thinking as an effective Toolkit for Innovation. In: Proceedings of the XXIII ISPIM Conference: Action for

Innovation: Innovating from Experience. Barcelona.

Yeh, H. C., & Tseng, S. S. (2019). Using the ADDIE Model to nurture the development of teachers’ CALL professional knowledge. Journal

of Educational Technology & Society, 22(3), 88-100.

Μαΐδου, Α. & Πολάτογλου, Χ. (2022). Εισαγωγή της τρισδιάστατης σχεδίασης στην εκπαιδευτική διαδικασία: έρευνα από τη λειτουργία

ομίλου. Πρακτικά του 7ου Πανελλήνιου Συνεδρίου Ένταξη και χρήση των ΤΠΕ στην εκπαιδευτική διαδικασία. ISBN: 978-618-83186-7-0, ISSN:

2529-0924

Μαΐδου, Α., Πολάτογλου, Χ (2023). Πρόγραμμα σπουδών για την αειφόρο ανάπτυξη μέσα από τη τρισδιάστατη σχεδίαση: αποτελέσματα

από την πιλοτική λειτουργία ομίλου. Στο Κ. Γλέζου, Ι. Λεύκος, Κ. Παπαδήμας (Επιμ.), Πρακτικά του 3ου Πανελληνίου Συνεδρίου

Scientix για την Εκπαίδευση STEM, (σσ 21-30). Ανακτήθηκε από https://scientix.ellak.gr/praktika-3ou/ ISBN 978-618-84221-3-1.

Μπρισίμη, Α. και Μαΐδου, Α. (2023). Χρήση της Τρισδιάστατης Σχεδίασης με Στόχο τη Δυναμική Οπτικοποίηση του Μικρόκοσμου στη

Χημεία. Στο Κ. Γλέζου, Ι. Λεύκος, Κ. Παπαδήμας (Επιμ.), Πρακτικά του 3ου Πανελληνίου Συνεδρίου Scientix για την Εκπαίδευση

STEM, (σσ 173-182). Ανακτήθηκε από https://scientix.ellak.gr/praktika-3ou/ ISBN 978-618-84221-4-8