

This book is recommended for STEM teachers, and particularly engineering and robotics instructors because it provides lesson ideas that align with the curriculum. It also includes recent research specific to educational robotics, which helps educators construct new understandings, and theories. Educational leaders in the STEM field benefit because of its strength of current research findings, and strategies of how to effectively implement STEM, and more specifically, robotics. The authors not only provide methods from the research of successful ways to implement educational robotics, but also warn the reader by listing important factors for successful implementation, such as the role of the teacher as a positive influence, the physical space and learning environment, and the design and variety of the robot itself for inclusion of all students.

Each chapter offers great insight and ideas on redesigning the learning experience by the book chapter authors. Educators may want to follow up with further research that includes student feedback during or after taking a course that utilized educational robotics, and summative assessment data. The book provides an easy to understand and practical compilation of new ideas and perspectives on how to redesign the learning experience in the STEM classroom and beyond.

References

- Khine, M.S. (2017). *Robotics in STEM education: Redesigning the learning experience*. Cham, Switzerland: Springer.
- Krajcik, J., & Delen, İ. (2017). Engaging learners in STEM education. *Eesti Haridusteaduste Ajakiri*, 5(1), 35-58. doi: <https://doi.org/10.12697/eha.2017.5.1.02b>.