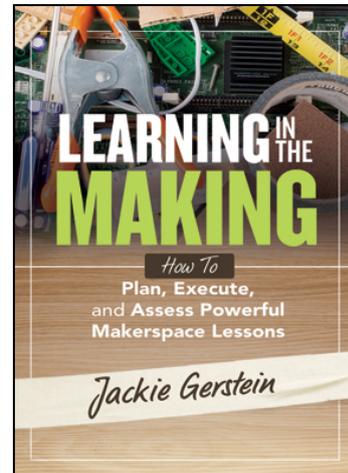


Learning in the Making: How to Plan, Execute, and Assess Powerful Makerspace Lessons

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Summary

Making is a dynamic and hands-on learning experience that directly connects with long-established theories of how learning occurs. Although it hasn't been a focus of traditional education or had a prominent place in the classroom, teachers find it an accessible, exciting option for their students.

The maker movement brings together diverse communities dedicated to creating things through hands-on projects. Makers represent a growing community of builders and creators – engineers, scientists, artists, DIYers and hobbyists of all ages, interests and skill levels – who engage in experimentation and cooperation.

Transferring this innovative, collaborative and creative mindset to the classroom is the goal of maker education. A makerspace isn't about the latest tools and equipment. Rather it's about the learning experiences and opportunities provided to students. Maker education spaces can be as large as a school workshop with high-tech tools (e.g. 3D printers and laser cutters) or as small and low tech as the corner of a classroom with bins full of craft supplies. Ultimately, it's about the mindset – not the “stuff”.

In *Learning in the Making*, Jackie Gerstein helps you plan, execute and reflect on maker experiences so both you and your students understand how the knowledge, skills and attitudes of maker education transfer to the real-world settings. She also shows how to seamlessly integrate these activities into your curriculum with intention and a clearly defined purpose.

Other Resources

- *Stretch Yourself: A Personalised Journey to Deepen Your Teaching Practice* (IST5060)
- *Teaching AI: Exploring New Frontiers for Learning* (IST5077)
- *Remaking Literacy: Innovative Instructional Strategies for Maker Learning, Grades K–5* (SOT0072)
- *Make the Future! Hands-On Sustainability Lessons Series* (gMTF)