



# MAKERSPACE

**WHERE STUDENTS LEARN BY DOING!**

## WHAT ARE MAKERSPACES?

Makerspaces are collaborative workspaces equipped with tools and materials that enable students to experiment, build, and solve problems. Whether located in classrooms or libraries, they provide hands-on learning experiences, granting students a chance to bring their ideas to life.

## MAKERSPACE EMPOWERS KIDS TO LEARN BY DOING!

Check out [these titles from Pebble Maker](#) for classroom-ready lessons and projects.



## WHY MAKERSPACES MATTER:



**ENHANCE CRITICAL SKILLS.** Studies show that makerspace activities significantly improve students' critical thinking, collaboration, communication, and creativity.



**ENCOURAGE RISK-TAKING.** Makerspaces foster an environment where students can engage in trial and error, learning from failures to refine their ideas and build problem-solving skills.



**STRENGTHEN SOCIAL-EMOTIONAL LEARNING.** Engagement in makerspace activities helps students develop resilience, goal-setting abilities, and perseverance.



**PROMOTE A GROWTH MINDSET.** By exploring and overcoming challenges in makerspaces, students understand that intelligence and abilities can develop through effort and learning.



**INTEGRATE STEAM LEARNING.** Makerspaces naturally combine science, technology, engineering, arts, and mathematics, helping students see real-world applications of interdisciplinary concepts.



**PREPARE FOR FUTURE CAREERS.** Approximately 73% of organizations report that creative thinking skills are a top priority when considering talent, highlighting the importance of skills cultivated in makerspaces. (*Forbes*)