

**Preschool Professional Course**

**Activity Sheet of STEM/STEAM Lesson 1 (Part 1)**

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**What exactly is STEAM?**

STEAM stands for Science, Technology, Engineering, Arts, and Mathematics, and it is an integrated approach to learning that guides student inquiry and critical thinking. STEAM develops critical 21st-century abilities, such as taking calculated risks, engaging in experiential learning, being tenacious problem solvers, and excellent communicators, as well as strong creative design talents.

STEAM is typically project-based, and it employs a variety of instructional methods to involve students in hands-on "real-world" problem solving for more realistic learning. STEAM is a combination of teaching techniques, content, abilities, and attitudes that helps students build key transferable skills and learning across topics by allowing them to explore, try things out, and be creative.



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**In this project, you must come up with one object that may be built out of recycled materials and that is useful.**

1. **What do I have to do?**
2. **How will I do it?**

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1. **What materials will I need?**

**Crete a Plan!**

**Use this space below to draw a diagram or explain your plan.**