

# Strong Wall

**Applicable Age Group** 3-4 year-old toddlers

- Activity Objectives**
- ☑ Explore the structure of a strong wall through observation, experiments, and hands-on practice.
  - ☑ Understand the application of the interlocking structure in daily life.

**Activity Description** The sturdiness and stability of building structures are the most basic and important requirements. Work with children to observe and experience the structural characteristics of a strong wall, and guide them to imitate and build it by hand. Help them understand the use and importance of such structures in daily life.

## STEAM Competence Development Indicators

Method Indicator	Observe and experiment to analyze a sturdy wall	Hands-on practice imitate and construct	Test and apply flexibly	Transfer knowledge to real-life scenarios
Curiosity and Imagination				
Flexibility and Adaptability		●	●	
Verbal and Written Communication Skills	●			
Cross-boundary Cooperation and Exemplary Leadership				
Critical Thinking and Problem-solving Skills	●			
Proactive and Pioneering Spirit				
Ability to Evaluate and Analyze Information				●



### Interactive Tips

- First, let children build a wall randomly, then use a heavy object to tap the wall structure and observe the changes of the wall. After observing the structure of a strong wall, ask children to describe it in their own words—there is no need to emphasize that it is an "interlocking structure".
- The interlocking structure is actually similar to the brick wall structure in daily life. Guide children to first imitate it, then apply it flexibly.
- Combine rectangular and square building blocks according to the length of the wall surface to make the structure neat.

**Find These Building Blocks**



**Use the interlocking structure to build a strong wall**

