

Mysterious Pyramid

Applicable Age Group 3-4 year-old toddlers

- Activity Objectives**
- ☑ Explore the inwardly shrinking interlocking structure by building a pyramid shape.
 - ☑ Understand and be able to apply triangular structures.

Activity Description Explore the mysterious pyramid structure with children. Help them understand and build the inwardly shrinking interlocking structure, observe the pyramid's shape, and recognize the stability of triangular structures and their applications. Also, let children learn about the existence and functions of pyramids.

STEAM Competence Development Indicators

Method Indicator	Situation-based introduction: Understand the appearance of a pyramid	Build a pyramid using inwardly shrinking interlocking techniques	Test the structural stability	Use imagination to tell stories about the pyramid
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

- The inwardly shrinking structure is one that gradually gets smaller—each time you build a layer upward, the convex points (of the blocks) form a smaller circle. During guidance, remind children to pay attention to the position of the convex points.
- The gradually shrinking structure must be interlocked; otherwise, the entire pyramid will collapse instantly.

 Find These Building Blocks



 Build a Pyramid Using the Inwardly Shrinking Interlocking Structure

