

# House in the Mountains

**Applicable Age Group** 4-5 year-old toddlers

- Activity Objectives**
- ☑ Understand the characteristics and functions of stair structures through hands-on operation.
  - ☑ Stimulate imagination and creativity, and design structures based on experience as required.

**Activity Description** Imagine a vacation scene with children, and design a house in the mountains based on existing experience. Due to the topographical characteristics of mountainous areas, the design of the house must consider feasibility—thus requiring a stair structure. Children will understand the characteristics and functions of stair structures through this process.

## STEAM Competence Development Indicators

Method Indicator	Situation-based introduction: Understand design requirements	Hands-on practice: Design a model	Test the stability of the staircase structure	Knowledge extension: Scene optimization
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 stability of the stair structure is crucial. During the building process, constantly emphasize the connection of building blocks in the stair structure.
- The design of other structures of the "small villa" can be left to the children; focus on emphasizing the function of the stairs and the method of connecting them.

 Find These Building Blocks



 Design a Small Villa with Stairs

