

# Sturdy Chair

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

- Activity Objectives**
- ☑ Accumulate life experience and understand the structure and function of chairs.
  - ☑ Explore the structural characteristics of stable chairs through observation and comparison.

**Activity Description** Explore the structure of chairs with children. Chairs are very common items in our lives, but what makes them sturdy? By observing the characteristics of chairs, summarize and accumulate life experience, then practice hands-on to design a sturdy chair.

## STEAM Competence Development Indicators

Indicator	Method Game-based introduction: Analyze the causes of chair instability	Hands-on practice: Design a model	Test stability improvement plans	Knowledge expansion: Further explore more functions
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

- Build the chair from bottom to top. Start with the chair legs first—discuss with the child how many legs the chair should have—then move on to the seat, backrest, and armrests.
- Encourage the child to use the interlocking method when building the backrest and armrests, as this will make the chair sturdier.

 Find these building blocks.



 Build a sturdy chair. The design should include chair legs, armrests, a backrest, and a seat.

