

# Wheelbarrow

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

- Activity Objectives**
- ☑ Understand the structural characteristics and functions of a wheelbarrow.
  - ☑ Explore wheeled structures and their applications.

**Activity Description** Work with children to solve the problem of transporting express packages or small furniture from the garage to the home. Explore the structure of a wheeled wheelbarrow, and help children understand the characteristics and functions of a wheelbarrow through hands-on building. Connect to daily life to let them learn about the applications of wheeled structures in life.

## STEAM Competence Development Indicators

Method	Situation-based introduction: analyze problems	Build a wheeled wheelbarrow	Test the stability of the wheelbarrow	Simulate scenarios to demonstrate the process
<b>Indicator</b>				
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

- Briefly analyze the problem with children together, and identify that the solution requires a wheeled structure, which makes movement more convenient.
- The basic structure of a wheelbarrow includes wheels, a basket, and a handle—ensure the structure is complete.
- The wheels are the key part of the structure; pay attention to their connection position to ensure they do not affect movement.

