

# Flatbed Cart

**Applicable Age Group** 5-6 year-old toddlers

- Activity Objectives**
- Propose solutions based on needs by analyzing problems.
  - Explore the structure of flatbed carts and the installation method of flatbeds with adjustable angles.

**Activity Description** Start with a scenario introduction: raise the problem of loading and unloading goods for trucks, encourage children to speak freely, and finally choose to use a flatbed cart to solve the problem. Its flatbed can be adjusted to an angle that connects seamlessly with the truck, allowing heavy goods to be loaded and unloaded easily. During the process of exploring the structure, use connectors—find the installation method of the connectors and fix the flatbed smoothly.

## STEAM Literacy Development Indicators

Method Indicator	Situation-based introduction: Raise and analyze problems	Use a flatbed cart to solve problems and build a model	Explore the structure of a flatbed with adjustable angles	Organize activities to experience the functions of the flatbed cart
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 feature of the flatbed cart is that its flatbed can be adjusted to an angle according to our needs. Let children analyze how to adjust this angle to solve our problem.
- The key to connection is adjusting the flatbed's angle. Use male connectors and female connectors for connection—first install the two connectors, then connect the flatbed.
- When using a screwdriver for installation, make sure to tighten all removable parts of the built structure. In the flatbed cart structure, the installation of the two connectors and the wheels is the key.

 Find These Blocks



 Assemble the Flatbed and Connectors

