

Cargo-carrying Expert

Applicable Age Group 3-4 year-old toddlers

- Activity Objectives**
- ☑ Understand farm life and work processes.
 - ☑ Design corresponding truck bed structures based on functional needs through hands-on building.

Activity Description The farm is facing a problem: a large amount of animal feed needs to be transported. Please work with children to design a truck that can carry animal feed. Through hands-on building, explore the structure of a truck with a bed that matches this transportation need.

STEAM Competence Development Indicators

Method Indicator	Situation-based introduction: Analyze problems	Build a truck with a cargo bed structure	Test the matching between the cargo bed and its function	Recreate scenarios to understand farm life
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

- To transport a large amount of animal feed, the truck bed needs to be of an appropriate size and shape.
- Animal feed needs to be stored in a ventilated environment, so the truck bed should be built in an open style. Since the feed quantity is large, the bed should also be built relatively big.
- For the truck wheels, you can choose small train wheels or use other structures with wheels.

Find These Building Blocks



Design and Build the Truck

