

Road Rescue

Applicable Age Group 4-5 year-old toddlers

Activity Objectives

- ☑ Understand the basic structure and functions of a road rescue vehicle.
- ☑ Assemble an engineering vehicle using a screwdriver to exercise hand fine motor skills.

Activity Description Many infrastructure facilities in the city we live in require regular maintenance. When emergencies occur, emergency rescue vehicles are needed to handle these issues. Together with children, we will learn about the functions and basic structure of emergency rescue vehicles, and assemble a rescue vehicle using a screwdriver.

STEAM Literacy Development Indicators

Method Indicator	Situation-based introduction: Understand the structure of a rescue engineering vehicle	Build the engineering vehicle according to functional requirements	Test the stability and flexibility of the vehicle	Recreate scenarios to simulate work operations
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

- When using a screwdriver, align it with the position of the screws and tighten each screw properly.
- For the lifting structure, use robotic arm blocks. The connection between the robotic arms must be firm to ensure the lifting structure can complete the rescue task.

Find These Blocks



Assemble the Engineering Vehicle Using a Screwdriver

