Folding Table

Applicable Age Group 6+

Activity Objectives

☑ Understand the stability of triangles
☑ Understand the instability of quadrilaterals
☑ Learn the advantages of folding tables: space-saving and easy to transport
☑ Master two different structural construction methods

Activity Description In this course, children will design a rail-gate.

STEAM Literacy Development Indicators

Method / Indicator	Situation Introduction & Problem Analysis	Using Hinges to Construct a Folding Table	Testing Structural Stability and Smoothness	Understanding the Application of Gears
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				

Building Block List

Construction Steps

Makerzoid(App)-Robot Master(Kit)-Soccer Competition(Set)-2 Basic-61 Folding Table