Lantern

Applicable Age Group 6+

Activity Objectives

☑ Understand the appearance and function of lanterns

☑ Learn about traditional handicrafts and improve traditional culture literacy

☑ Learn horizontal gear transmission

Activity Description In this course, children will design a beautiful lantern. A lantern is an ancient traditional handicraft of the Han nationality, which can not only create a festive atmosphere but also provide lighting.

STEAM Literacy Development Indicators

Method / Indicator	Situation Introduction & Problem Analysis	Using Gears to Construct a Lantern	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-35 Lantern