Dragon Boat

Applicable Age Group 6+

Activity Objectives

☑ Understand that dragon boat racing is a custom of the Dragon Boat Festival

☑ Understand the structure of dragon boats

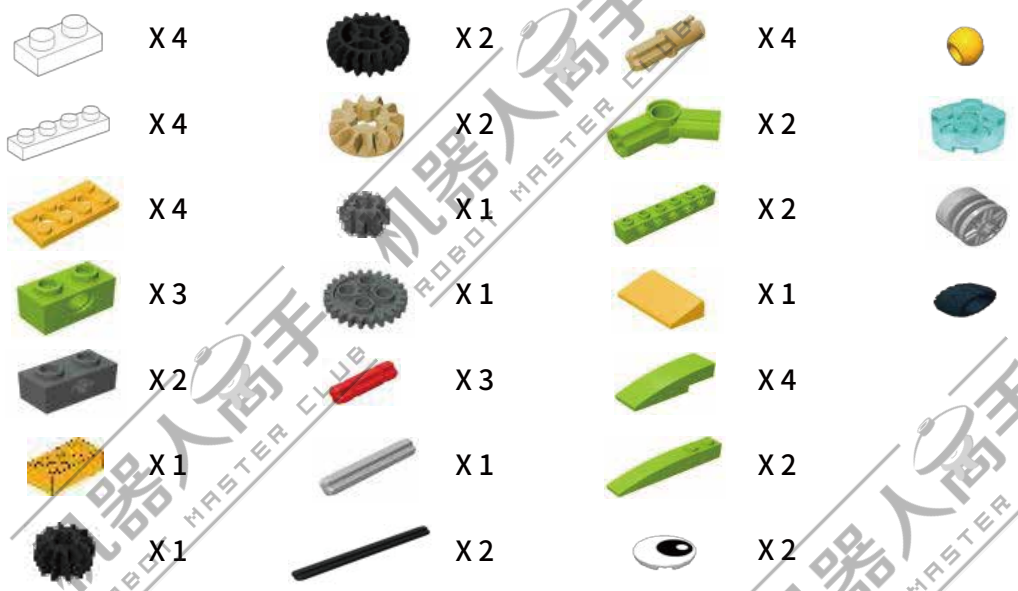
☑ Master the application of belt transmission and connecting rod structure

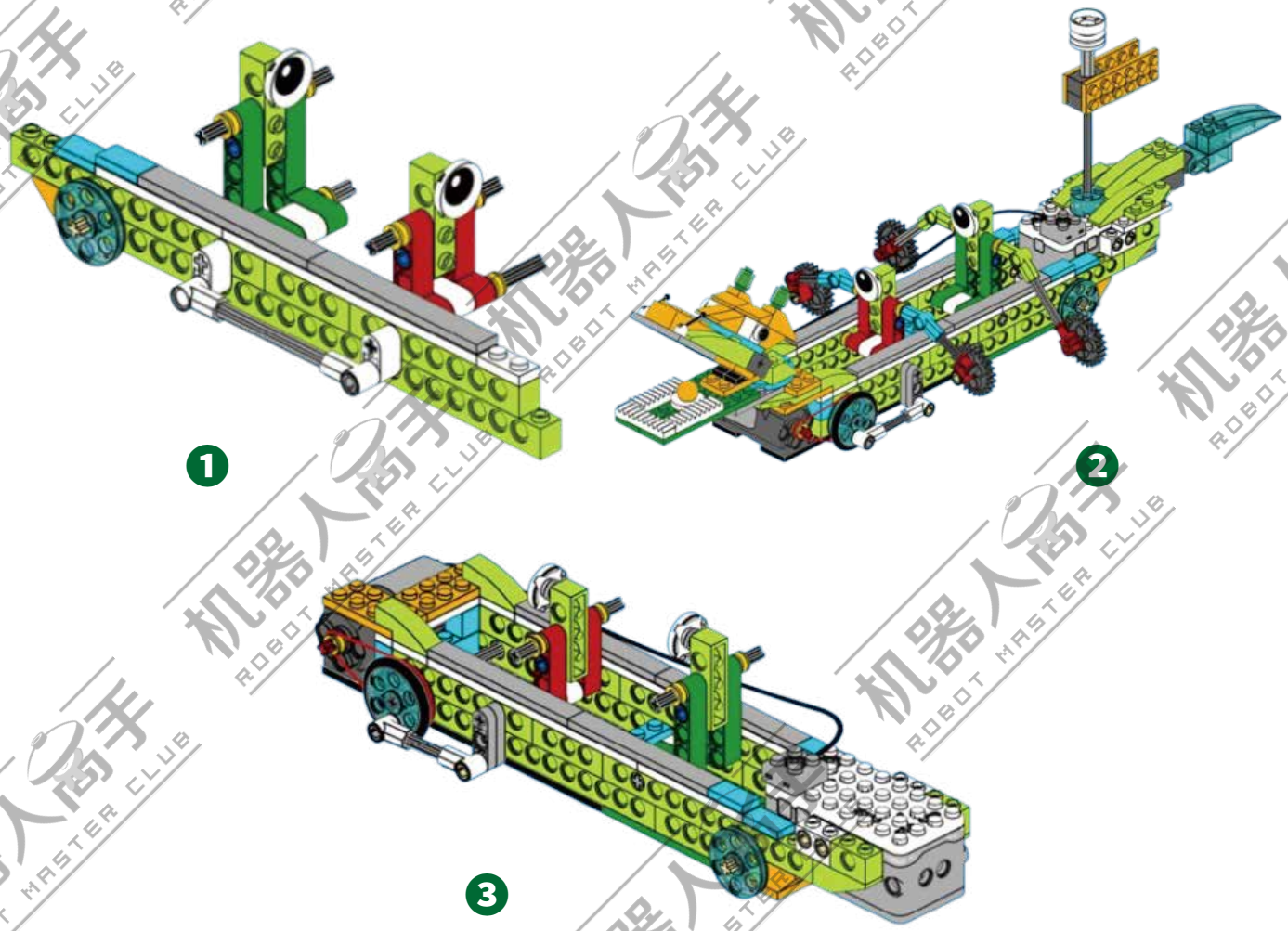
Activity Description In this course, children will design a dragon boat based on belt transmission for dragon boat racing to celebrate the Dragon Boat Festival.

STEAM Literacy Development Indicators

Method / Indicator	Situation Introduction & Problem Analysis	Using Belt Transmission to Construct a Dragon Boat	Testing Structural Stability and Smoothness	Understanding the Application of Belts
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)-4YL Corps-26 Manual Rotating YL Man 4