Electric Tyrannosaurus

Applicable Age Group 6+

Activity Objectives

☑ Understand the body structure of Tyrannosaurus rex

☑ Recognize dinosaurs and learn to distinguish between carnivorous and herbivorous dinosaurs

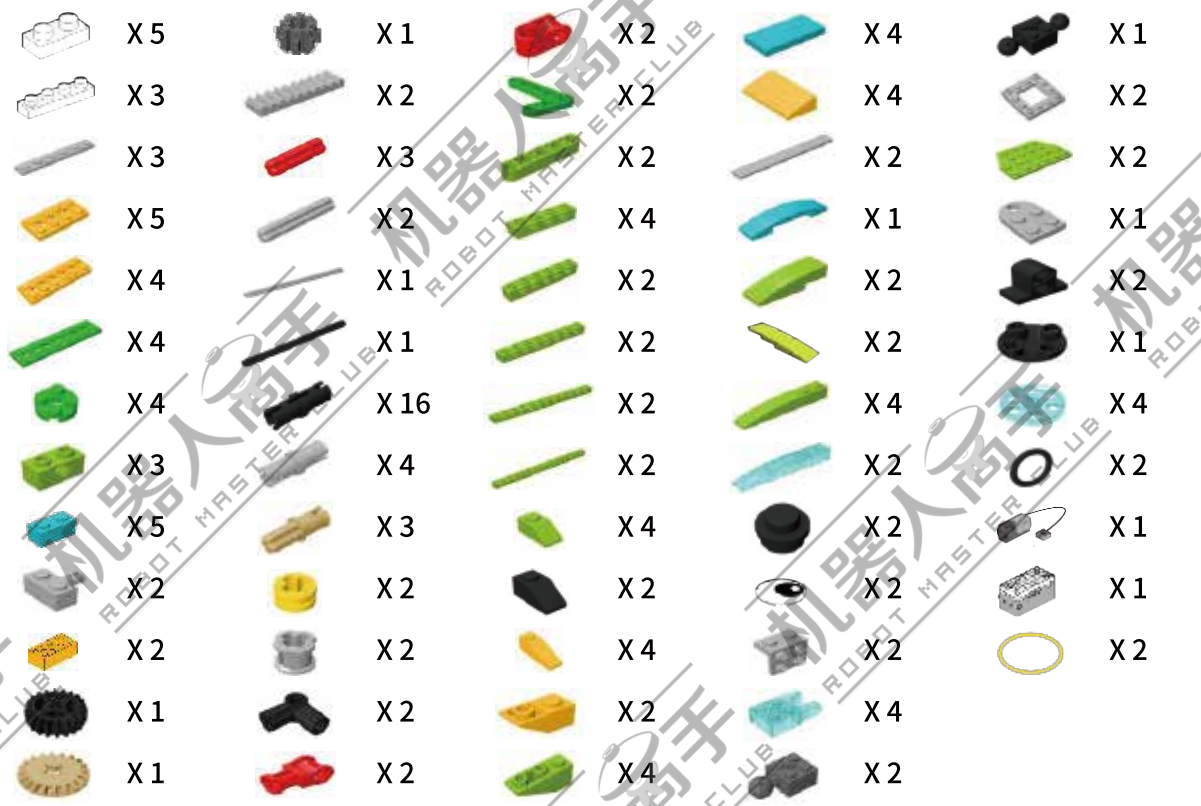
☑ Master the application of gear transmission and rubber band transmission

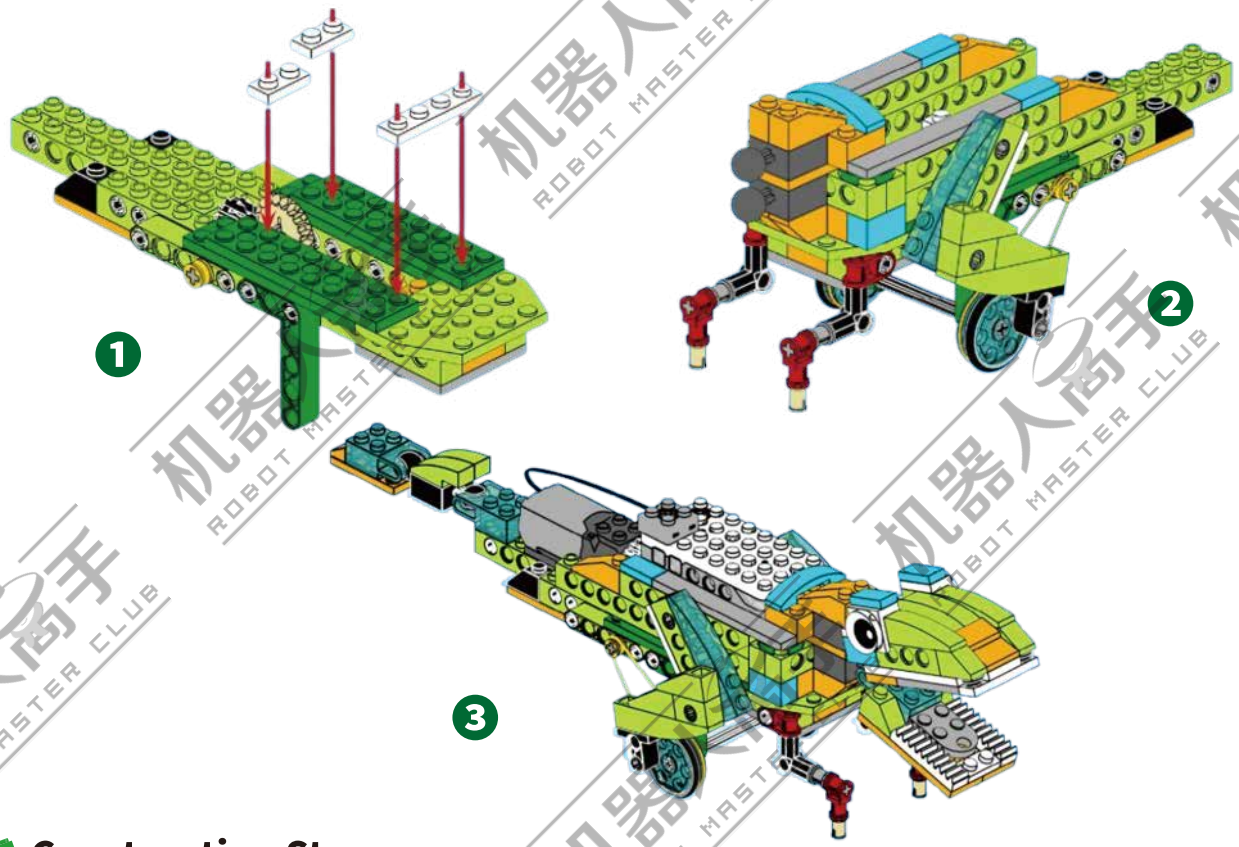
Activity Description In this course, children will design a Tyrannosaurus rex based on gear transmission.

STEAM Literacy Development Indicators

Method / Indicator	Situation Introduction & Problem Analysis	Using Gears to Construct a Tyrannosaurus rex	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)-7 Electric Animal-2 Electric Tyrannosaurus