Windscreen Wiper

Applicable Age Group 6+

Activity Objectives

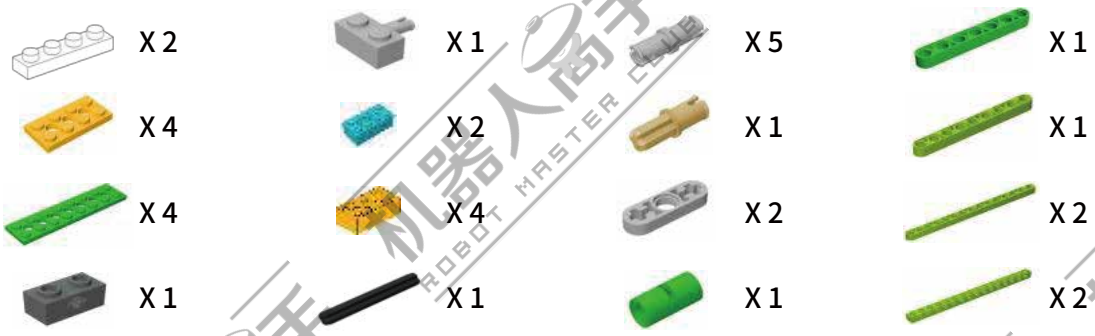
- ☑ Understand the purpose of windscreen wipers
- ☑ Understand the structure of windscreen wipers
- ☑ Construct using the crank-connecting rod structure

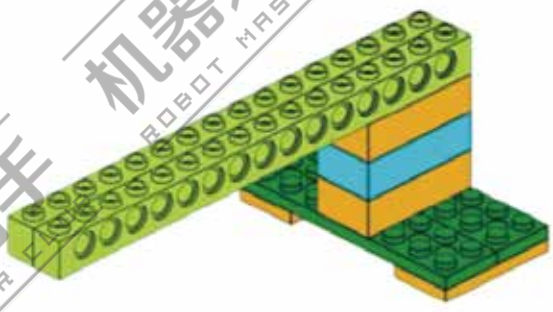
Activity Description In this course, children will design a windscreen wiper to learn what the crank-connecting rod structure is.

STEAM Literacy Development Indicators

Method / Indicator	Situation Introduction & Problem Analysis	Using Crank-Connecting Rods to Construct a Windscreen Wiper	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





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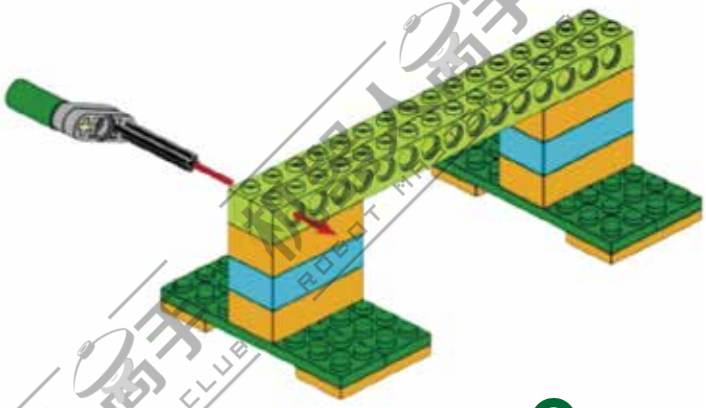

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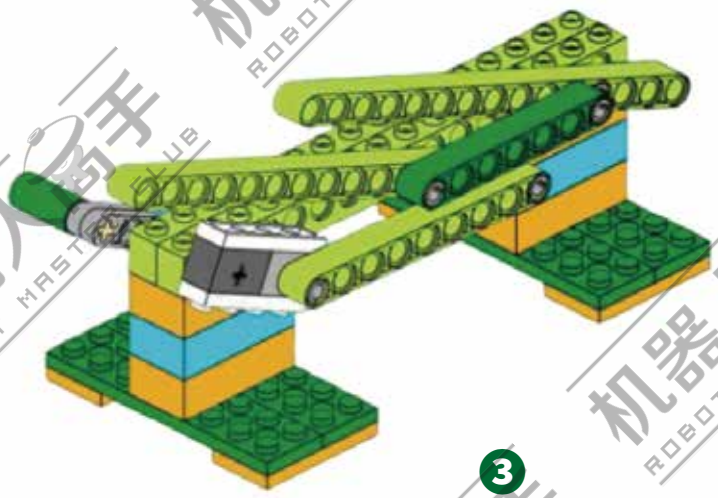

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Construction Steps

Makerzoid(App)-Robot Master(Kit)-Soccer Competition(Set)-2 Basic-59 Windscreen Wiper