

# Electric Crocodile

**Applicable Age Group** 6+

**Activity Objectives**

- ✓ Understand the external characteristics and living environment of crocodiles
- ✓ Understand the body structure of crocodiles
- ✓ Learn belt transmission

**Activity Description**

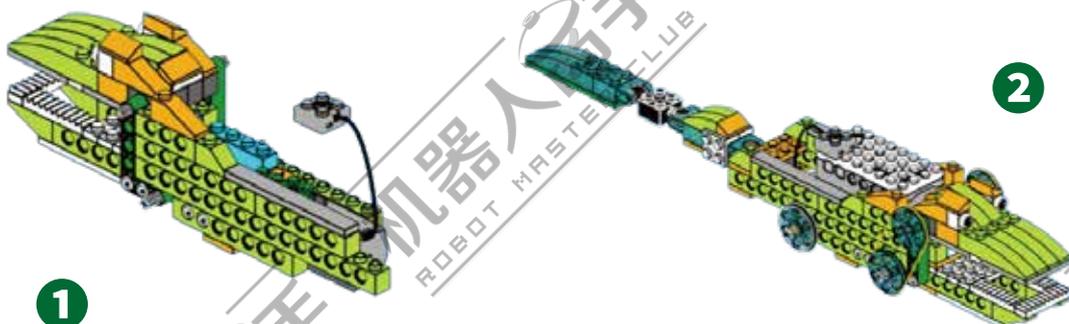
In this course, children will design a large crocodile based on belt transmission.

## STEAM Literacy Development Indicators

Indicator	Situation Introduction & Problem Analysis	Using Belts to Construct a Crocodile	Testing Structural Stability and Smoothness	Understanding the Application of Belt Transmission
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				

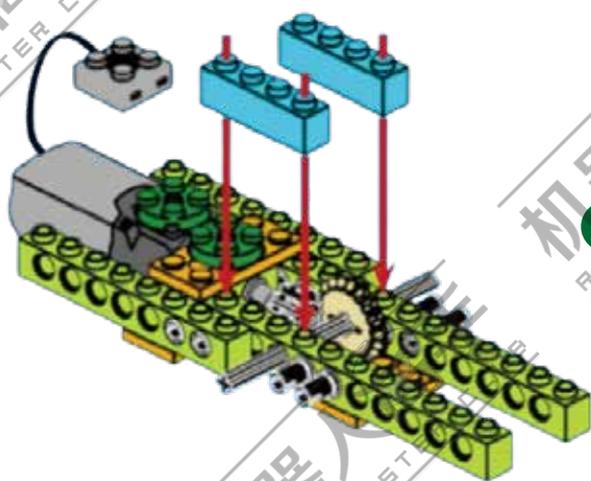
## Building Block List

	X3		X2		X1		X4		X1
	X4		X1		X2		X2		X1
	X2		X1		X3		X2		X2
	X3		X1		X2		X2		X6
	X3		X3		X4		X4		X22
	X1		X1		X3		X2		X1
	X3		X1		X1		X2		X1
	X3		X1		X4		X2		X2
	X4		X10		X4		X2		X2
	X1		X2		X2		X3		



1

2



3

## Construction Steps

Makerzoid(App)-Robot Master(Kit)-Soccer Competition(Set)-7 Electric Animal-4 Electric Crocodile