

# Rice Huller

## Applicable Age Group

6+

## Activity Objectives

- ✓ Recognize the rice huller and know its function
- ✓ Learn the lever principle and classification, recognize the unequal-ratio lever structure, and make the pestle head knock up and down by stepping on the pedal to hull grains

## Activity Description

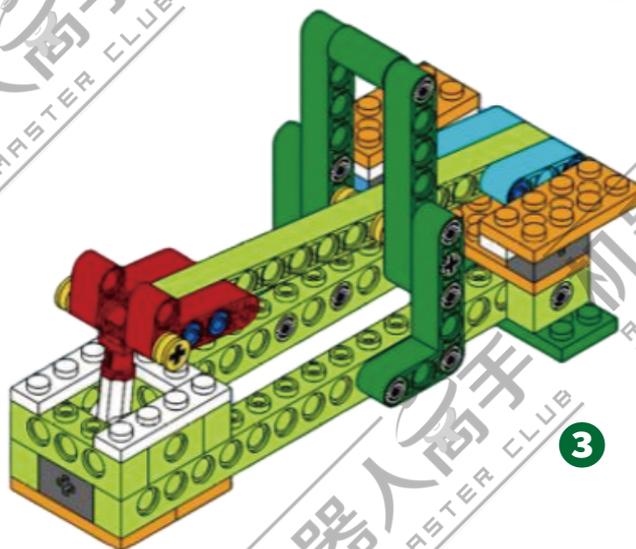
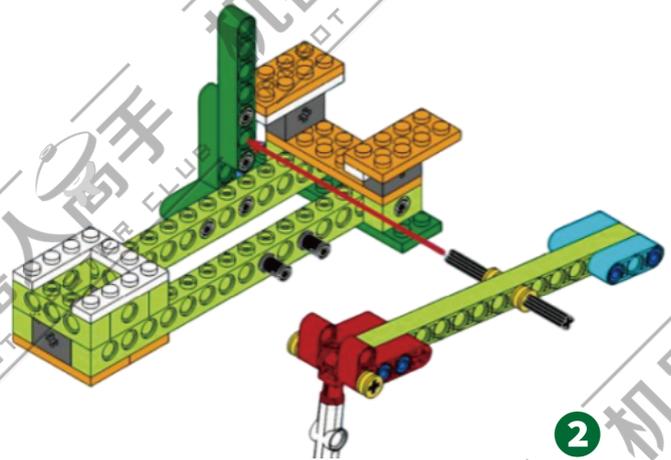
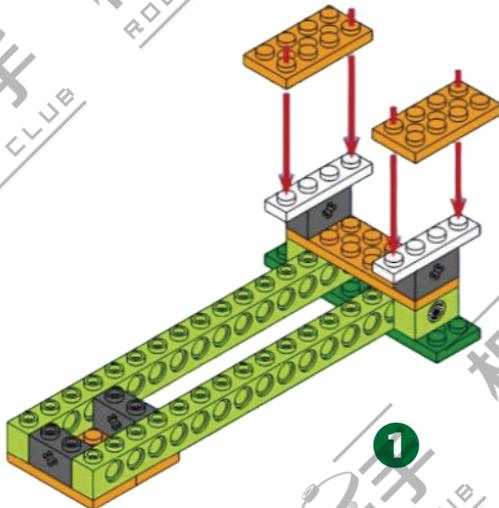
In this course, children will design a rice huller to understand the source of grain, realize that grain is hard-won, and learn to cherish grain.

## STEAM Literacy Development Indicators

Method Indicator	Situation Introduction & Problem Analysis	Using Levers to Construct a Rice Huller	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

	X 1		X 4		X 4		X 1
	X 4		X 1		X 1		X 2
	X 4		X 1		X 2		X 2
	X 1		X 1		X 2		
	X 1		X 11		X 2		
	X 4		X 4		X 2		



## Construction Steps

Makerzoid(App)-Robot Master(Kit)-Soccer Competition(Set)-2 Basic-33 Vigorous Extrusion Machine