

Biplane

Applicable Age Group 4-5 year-old toddlers

- Activity Objectives**
- ☑ Understand the basic structure and characteristics of biplanes.
 - ☑ Learn about the application scenarios and functions of biplanes.

Activity Description Explore biplanes with children—aircraft with two wings that can fly at low altitudes. Build a biplane by hand, explore the proportional relationship between different parts of the aircraft, and understand the characteristics of biplanes. Through scenario-based building and demonstrations, help children learn about the application scenarios and functions of biplanes.

STEAM Literacy Development Indicators

Method Indicator	Situation-based introduction: Understand the structure of a biplane	Build a stable biplane	Test the structural proportions of the biplane	Know the application scenarios of biplanes
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				



Interactive Tips

- Children rarely encounter biplanes in daily life. Therefore, adult coaches need to find biplane images from the Internet in advance, ask children to observe the structure, and identify its distinctive features.
- For the upper and lower wings, pay attention to their length relationship and the distance between them.
- Biplanes have a propeller at the front; focus on the installation and connection of the propeller.

 Find These Blocks



 Build a Biplane with a Complete Structure

