

Anemometer

Applicable Age Group 5-6 year-old toddlers

- Activity Objectives**
- ☑ Judge basic wind direction and wind force through experiments and observations.
 - ☑ Understand the function of anemometers and know how to use them.
 - ☑ Explore the energy conversion of wind and the uses of wind.

Activity Description Spring is a windy season. When the wind blows, we can see many blade structures by the roadside rotating—sometimes fast and sometimes slow. This inspires children to use their imagination to create an anemometer, which can help determine wind direction and wind force when the wind blows.

STEAM Literacy Development Indicators

Method Indicator	Situation-based introduction: Analyze problems to be solved	Plan, design and build an anemometer	Measure wind direction and wind force	Understand the energy conversion of wind
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

- Communicate with children more during the building process. Ask them about the function of each part and which problem it can solve.
- Share the usage process of the anemometer while building. This helps understand children's ideas and allows you to put forward targeted suggestions.

 **Find These Blocks**



 **Creatively Design and Build an Anemometer**

