

Battle Tank

Applicable Age Group 4-5 year-old toddlers

- Activity Objectives**
- ☑ Understand the characteristics of tracks through observation and experiments.
 - ☑ Learn about the structure and function of tanks.

Activity Description Design a "tank battle" game with children. Two opposing tanks chase and attack each other; the one that forces the opponent into a position with no way to retreat wins. To play the battle, you first need to design tank models. The most prominent features of a tank are its two large track wheels and a long cannon barrel. By observing that track wheels do not sink into mud in harsh combat environments, children will understand the characteristics of track wheels.

STEAM Literacy Development Indicators

Method Indicator	Understand the characteristics of crawler wheels through experiments	Build a tank by hand	Test the smoothness of its movement	Design a complete "Tank Battle" game
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

- The installation of track wheels requires the assistance of adult coaches, as the rubber has low elasticity.
- Use a screwdriver to tighten each screw until you hear a "click-click-click" sound.
- Observe the balance and stability of the tank body while building.

