

Rocket Launch

Applicable Age Group 4-5 year-old toddlers

- Activity Objectives**
- ☑ Understand the structure and functions of rockets through scenario introduction.
 - ☑ Master the method of imitating and building a rocket model with building blocks.
 - ☑ Connect rocket knowledge to real life and expand related scientific cognition.

Activity Description Experience the changes that technological progress brings to life with children, and help them understand the basic structure and functions of rockets. Engage in hands-on construction of rocket models—encourage more observation and imitation, and you can use shape combinations (such as rectangles and triangles) for the building process.

STEAM Literacy Development Indicators

Method Indicator	Situation-based introduction: Understand the structure and function of a rocket	Hands-on practice: Imitate and build a model	Test and refine	Connect to real life: Knowledge expansion
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

- Rockets themselves are existing structures in life, and for children, the main task is to imitate and build them. Therefore, encourage children to observe more carefully, and confirm the shape of each part during observation.
- Shape combinations are widely used in daily life and also serve as the foundation for structural construction and design. So during exploration, it is also necessary to encourage children to learn more about the structure of each part and its matching function.

 Find These Blocks



 Imitate and Build a Rocket

