

# Alien Spaceship

**Applicable Age Group** 4-5 year-old toddlers

- Activity Objectives**
- ☑ Stimulate children's imagination through storytelling and guide them to practice hands-on design of imagined models.
  - ☑ Explore the shape "circle", and understand a full circle, half a circle, and a quarter of a circle.

**Activity Description** Embark on an interstellar journey with children. Through an interesting story, stimulate their curiosity and imagination, let them imagine the appearance of an alien spaceship and build it with their hands. This turns the images in children's minds into concrete models, which helps develop their pioneering spirit and problem-solving abilities.

## STEAM Competence Development Indicators

Method Indicator	Story-based introduction: Stimulate imagination	Hands-on practice: Design a model	Test and refine	Continue the story, share and express
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

- During construction, children may have different ideas. If the model shape is a circle, you can further help them understand half a circle and a quarter of a circle. Use fan-shaped blocks: first form a full circle, then turn it into half a circle, and then a quarter of a circle, so that children can understand the relationship between these blocks.
- If the spaceship imagined by the child has another shape, encourage them to replace blocks to realize their own creativity.

