

# ROCKET DESIGN AND LAUNCH

## MATERIALS

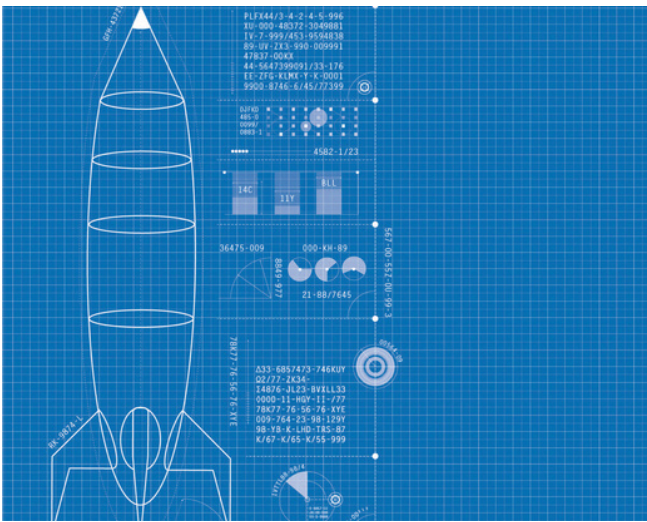
- Paper, tape, scissors.
- Empty bottles and vinegar/baking soda for propulsion.

## INSTRUCTIONS

1. Introduce the principles of aerodynamics and thrust.
2. Provide materials for designing rockets.
3. Launch rockets and measure their performance.

## TIPS FOR THE EDUCATOR

- Hold a competition for the highest or farthest launch.
- Discuss the role of rockets in space exploration.



## DESCRIPTION

Students design and launch paper or bottle rockets, learning about aerodynamics, thrust, and engineering.

## OBJECTIVES

- Understand basic rocket science.
- Develop engineering and design skills.

