

# Engineering

## Army Men Parachutes

### Activity Summary

Students will learn about physics, equipment making, and aerodynamics. Students will create their own parachutes for a small army man. By having to engineer their own parachute students will understand how material will either weight down the army man or not support him properly. Additionally students will be able to decorate each parachute to be personalized and unique.

### Objectives

After completing this lesson, students will be able to do the following:

- Show an understanding and awareness of tools introduced in the activity
- Explain the process of creating and designing a parachute
- Recognize concepts of physics and aerodynamics

### Materials

- Plastic Army Man or Lego
- Coffee filter
- String
- Scissors
- Paint
- Stencils
- Images of Parachute Designs



## Parachute Man Step-By-Step

1.) Begin by gathering all materials needed.

2.) Decorate coffee filter to their own design. Whatever you want. Its their time to be creative!

3.) Poke four holes on the coffee filter.

**TIP:** Make sure they are at the edges far apart

4.) Cuta two pieces of string

**TIP:** Make sure they are long

5.) Connect one string to two holes and tie both ends to the army man or figure. Do the same for the opposite side.

6.) You are ready to test!

