

# Engineers for America

## Experimental Sortie

## Instructional Objective

Parachute Factory:

Measurement

Falling Parachutes:

Rate of descent, data collection/comparison

Forced Short:

Air resistance

Invisible Forces:

Gravity, electricity, magnetism

How Tall is That?

Height, altitude determination

Make it Taller:

Single solution problem solving

Note: The experimental sorties are based on Sunshine State Standards for science and mathematics and help prepare students for Florida Comprehensive Aptitude Testing (FCAT)