



Parachute Project (Air)

LENGTH: 30 - 40 Minutes

CURRICULUM: Science, Math

OBJECTIVES: Student will create a parachute and make observations in an experiment.

EDUCATIONAL LEVEL: Grades 1 - 2

MATERIALS:

1. Two paper circles (eight inches in diameter)
2. Paper Clips
3. Clear adhesive tape

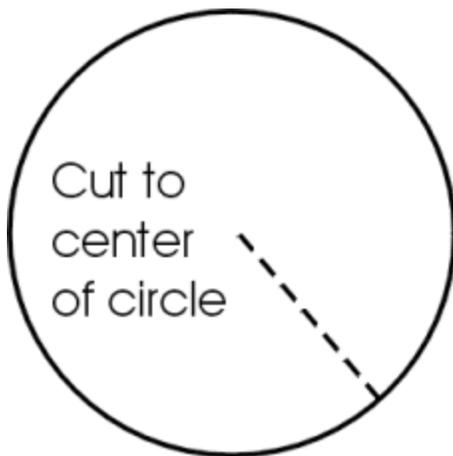
PROCEDURE:

1. Cut, fold and tape two circles of paper into cone shapes (be sure to use same amount of tape on each one)
2. Put two paper clips into each cone and then, holding one cone in each hand, let both of them drop to the floor or ground. Watch to see what happens.
3. Next, take the clips out of one of the cones. Drop them again. Which one hits the ground first?
4. Turn one cone upside down and clip two paper clips on opposite edges. Now drop the two cones. What happens? The cone with its nose down is faster. The other one acts as a parachute.

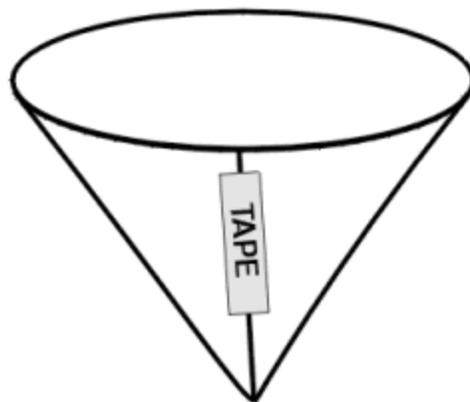
POINTS TO DISCUSS:

1. Try adding more paper clips to the parachute cone. How many did you add before it caught up with the nose down cone?
2. What else could you do to the parachute cone to speed it up or slow it down?

Diagram for making the parachute---



Step One



Step 2