

DIY Parachutes

The cup should glide slowly down because of **drag** or air resistance. When air gets under it, the plastic parachute will fan out for maximum coverage. The drag slows the fall of the object allowing it to fall gently to the ground.

Materials

- ✓ Disposable plastic (or paper) cup
- ✓ Plastic garbage sack
- ✓ String (we used some tightly twisted yarn)
- ✓ Paper punch
- ✓ Scissors
- ✓ Tape Measure or yardstick

Directions

1. Punch holes in the top of the plastic cups, just under the rim. Punch four holes approximately equal distance apart from each other.
2. Cut one plastic kitchen garbage sack into a 14-inch square.
3. Cut four 14-in lengths of string.
4. Gather each corner and tie one length of string to each. Leave a small tail
5. Tie the loose end of string to the holes. Be sure to keep the strings roughly the same length.
6. Test your parachute by dropping it from a high place.

