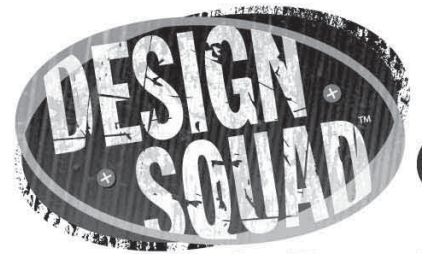
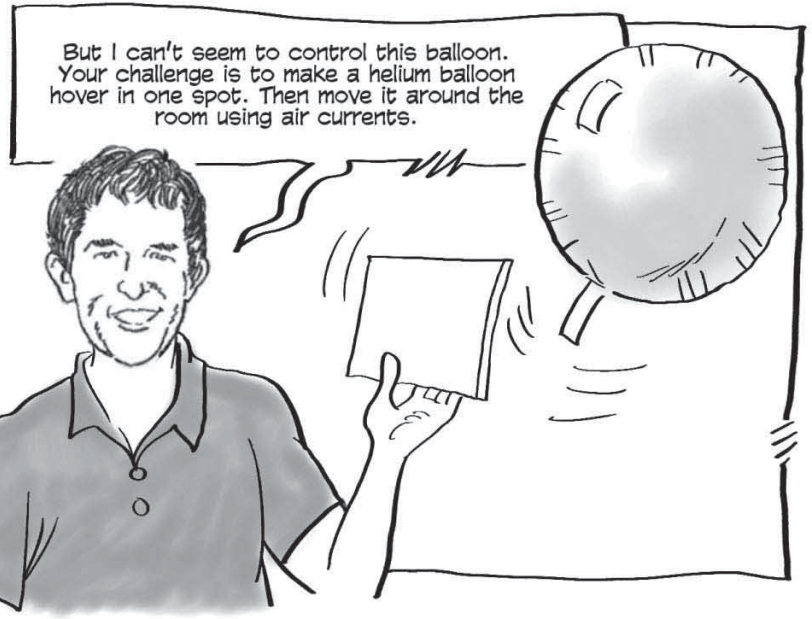


SKY FLOATER



as built on TV
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Ready, Design Squad? Get that balloon under your control!

PART 1: THE HOVER TEST

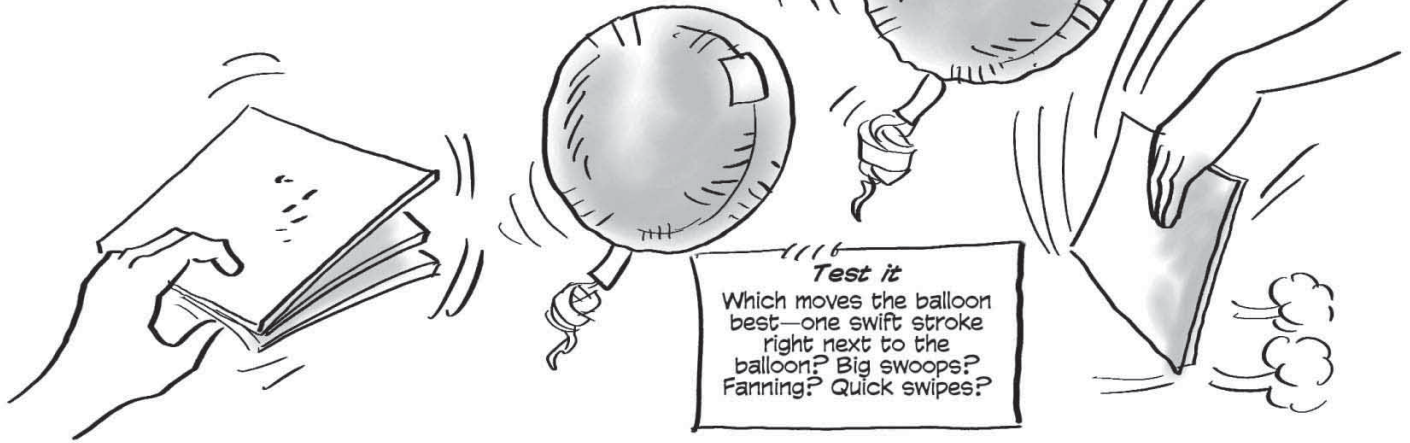


No dragging, please!
Tie the ribbon close to the neck, or cut it off.



PART 2: EXPLORE AIR PRESSURE

"Drive" your balloon



PART 3: TWO CHALLENGES

Challenge #1
Move the balloon in a circle around your partner.

Remember:
Don't touch or hit the balloon!

Challenge #2
Steer the balloon up and over an object—a chair, a table, or your partner's head.

Balloons drift wherever the wind takes them. But if you add a way to control where the balloon goes, say by adding an engine, you've engineered a blimp—a balloon that you can fly wherever you want!

Balloon race
Extra time? Race another team! Steer over a desk and into the seat of a chair as fast as you can.



PBS. Watch DESIGN SQUAD on PBS or online at pbs.org/designsquad.

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