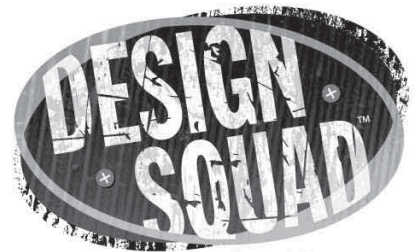
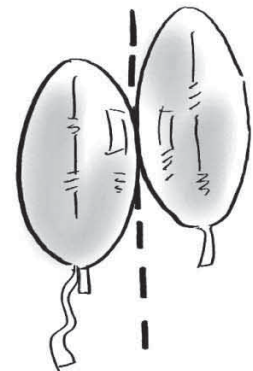
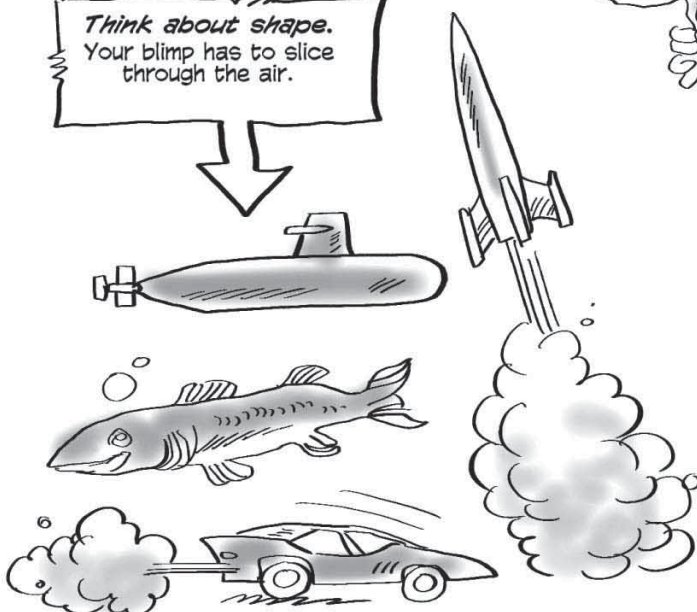
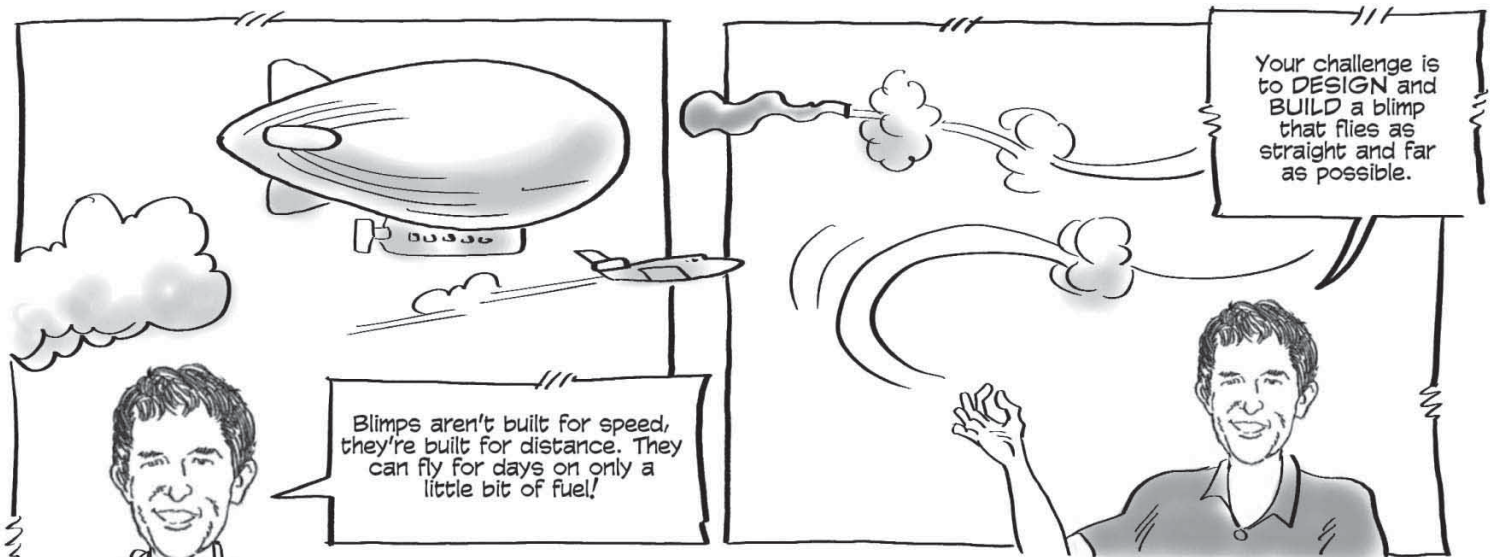


SKY GLIDER



as built on TV

pbs.org/designsquad

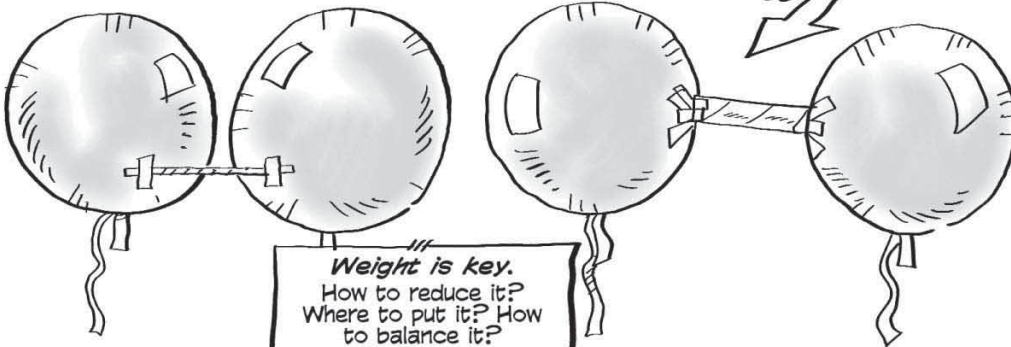


DESIGN AND BUILD

How wide apart?
What's a good distance between balloons so your blimp tracks straight? Look at the skaters for a hint.

narrow axis
for a fast spin

wide axis for a
slow spin



TEST AND REDESIGN

1.

2.

3.

Measure and record
Record the distance of each test flight and how straight the blimp went.

Farther! Straighter!
After each test, think about ways to improve your design. Record the changes you made and their effects.

Launch the same way

Use the same launcher, start the blimp at the same position, and use the same launch technique every time.

All right, blimp pilots. If we had a race for distance right now, whose blimp would go the farthest?



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