## HOW LONG CAN YOUR PARACHUTE STAY IN THE AIR BEFORE IT HITS THE GROUND?

**STEP ONE:**
Determine the design of your parachute based on the challenge.

**STEP TWO:**
Build a parachute as a team.

**STEP THREE:**
Test your team’s parachute by timing how long it stays afloat.

**STEP FOUR:**
Record your findings:
First test:

Second test:

Third test:

**STEP FIVE:**
Discuss with your team what happened during the different tests.

**STEP SIX:**
Discuss as a team if you would leave the design the same or change the design.

**STEP SEVEN:**
Redesign and test:
First test:

Second test:

Third test: