

### **Challenge 8: Indestructible Box**

*By yourself*, build a LEGO box that holds at least two red or black “weight bricks” and can be consistently dropped (at least twice in a row without any tweaks) from a height of 2 meters without coming apart. Some of the idioms described in the handout on *Building Strong LEGO Structures* and also Fred Martin’s *The Art of LEGO Design* (accessible from the course handout page) are particularly helpful in this challenge. Demonstrate your indestructible box to Robbie or Lyn and write up a brief description of your design in your design journal. As usual, you can expect to go through several iterations before you achieve the goal.