

Download Instant Challenge Paper Bridge

Instant Challenge: Paper Bridge; ... The Design Process Step 1 Identify the Problem: Construct a bridge with two blocks and a piece of paper that is as long possible Step 2 Brainstorm Solutions: Cutting the paper into strips; Fold the paper; Just lay the paper down; Pinch two strips of paper in the middle; Sketch. Step 3 Develop a Solution: Our ...IED Activity 1.8: Paper Bridge (Instant Challenge) Introduction. Solving a problem is an amazingly creative process. Creativity can be messy. ... Design and build a product that maximizes the distance between two blocks which are connected by a continuous route of paper. The product must meet the constraints below. The students are responsible for building a paper bridge to test their knowledge on the design process. The students have a class period of 45 minutes to build the longest bridge. They only had a piece of cardstock and 2 blocks. Nothing else. The cardstock could not touch the table, the blocks were at table height and the cardstock could be ...Activity 1.8 Instant Challenge: Paper Bridge . Introduction. Solving a problem is an amazingly creative process. Creativity can be messy. However, creativity can be channeled into a meaningful solution by using a structured design process. In this activity your team will design a solution to a problem using an engineering design process.