

# CAMBRIDGE UNIVERSITY ENGINEERING DEPARTMENT

## BRIDGE DESIGN PROJECT

### 1 CONSUMMABLES

- Thick cardboard sheet
- Thin cardboard sheet
- A4 paper
- String
- Masking tape
- Nuts and bolts
- Hand outs – tube rolling, bridges, safety (Stanley knives and glue guns), powerpoints

### 2 EQUIPMENT

- Scissors
- Stanley knife
- Hole punch
- Steel ruler
- Tube roller
- Low temperature glue gun + glue sticks
- Screwdriver
- Spanner
- Hand drills
- Tape measure
- Hardboard

### 3 OTHER

- 2 x extension leads
- equipment trays
- bin liners
- testing rig – in LR4
- pump – in LR4
- scales – in LR4
- black/yellow warning tape – useful to stick down trailing lead to digital load display
- hardboard sheets – 2 per team (all cutting and gluing must be done on hardboard)
- water & cups
- kitchen roll (for spills)

### 4 PRINTED MATERIALS

- how to roll a tube (blue)
- bridge specifics (yellow)
- copy of slides (white)