

## Heavy Engineering Kit

1. Supplied in a Ziploc Bag
  - a. 2 m of twine;
  - b. 12 identical elastics 3.5" x 0.25"
  - c. 25 toothpicks;
  - d. 25 Craft Sticks 4.5" x 3/8" x 1/12"
  - e. 25 wooden coffee stirrers 7" x 0.25" x 1/16"
  - f. 25 paper clips 2" corrugated,
  - g. 1 ruler 30 cm
  - h. 1 pair of scissors;
  - i. 1 pencil;
  
2. The following additional materials will be provided for the construction of the structure:
  - a. 1 sheet of bristol board 22½" x 28½";
  - b. 4 sheets of bond paper, 8.5" x 11";
  - c. 2 m of 1/2" masking tape;
  - d. 5 paper cups 9 oz.
  - e. news print
  - f. Tennis balls
  - g. A mystery item or two may be provided by the judges.
  
3. Sources of the Items in London Ontario.
  - a. Staples
    - i. Elastics: #64 rubber bands 3.5" x 0.25"; article number 13556
    - ii. Paper Clips: 50mm = 2" Corrugated; article number 13688
  - b. Michaels
    - i. Craft Sticks *Forster* - 4.5" x 3/8" x 1/12"
  - c. That Paper Place
    - i. Wooden Coffee Stirrers *Café Express* 7" x 0.25" x 1/16"
  - d. Walmart
    - i. 9oz *Dixie* Cold Cups
  - e. Dollarama
    - i. Tennis balls
    - ii. Scissors
    - iii. Ruler
    - iv. bristol board