

OPITEC

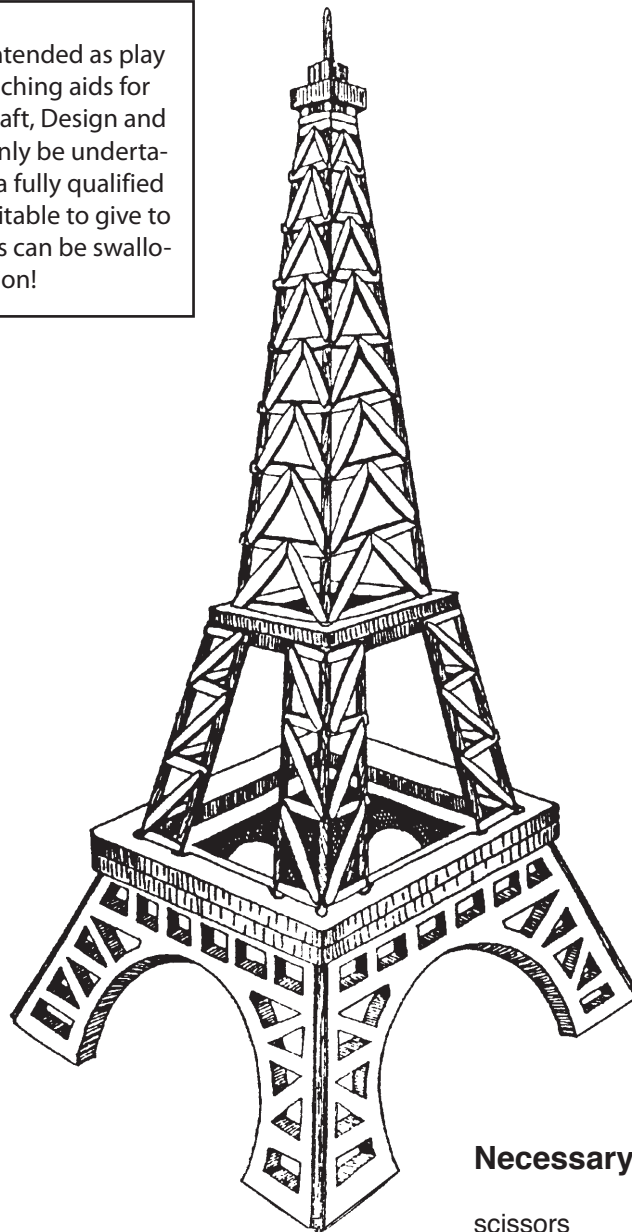
Hobbyfix

100.711

Eiffel Tower

Please Note

The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology. These projects should only be undertaken and tested with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

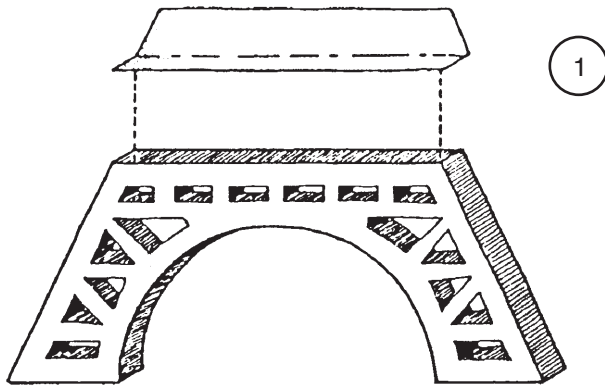


Contents:

- 2 sheets cork (pre-stamped)
- 1 card sheet (joiners)
- 12 pointed dowels dia 3mm x 250mm
- 2 packs modelling sticks
- 1 glass paper
- 1 glue (UHU all purpose)

Necessary tools:

- scissors
- ruler
- fret saw or fine saw
- tweezers

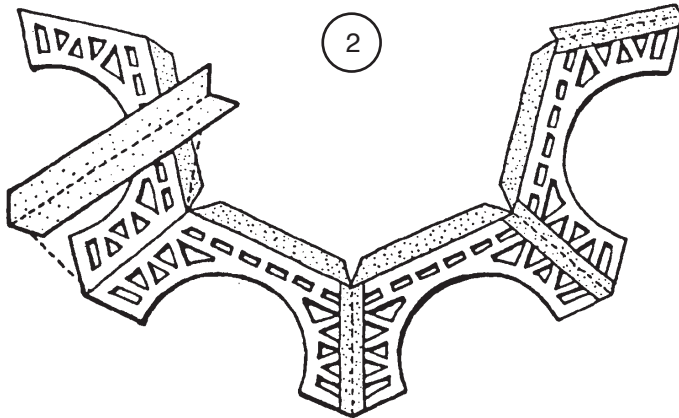


1

Preparation:

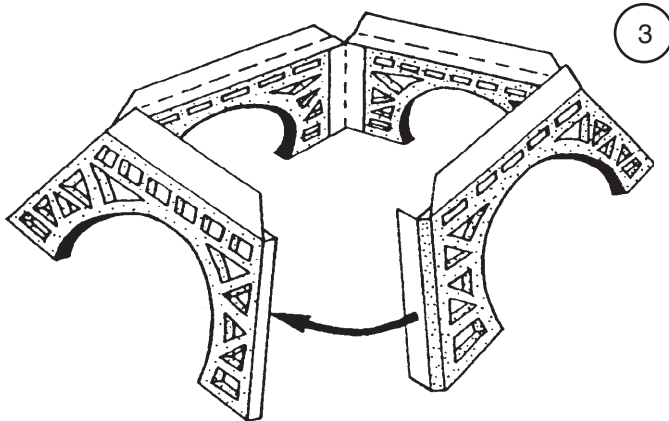
Press out the pre-stamped parts from the cork sheet. Score the broken lines on the brown card sheet with the points from a pair of scissors. (use a ruler as a guide)
Finally cut out the printed figures.

- 1) Take the 4 trapezium like shaped pieces of card and fold them along the broken line. Glue them to the top of the cork base frame as shown in the diagram.



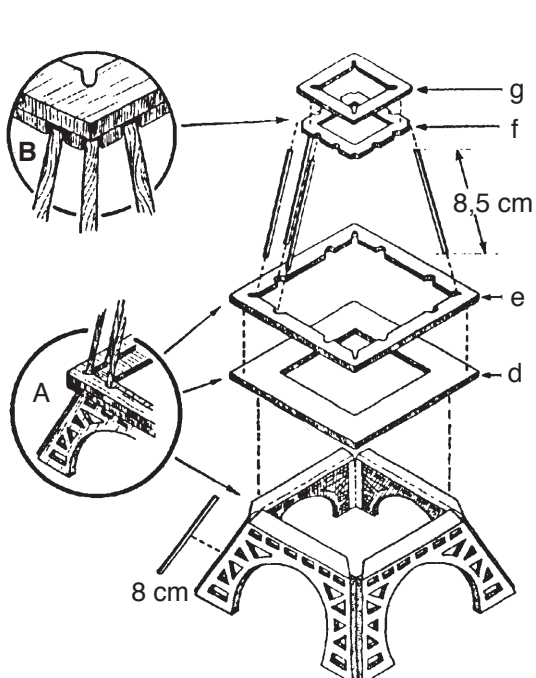
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- 2) Lay out the four base frames next to each other on a flat surface. Glue three of the remaining four card joiners, one on each joint and then finally add the fourth joiner at the end.



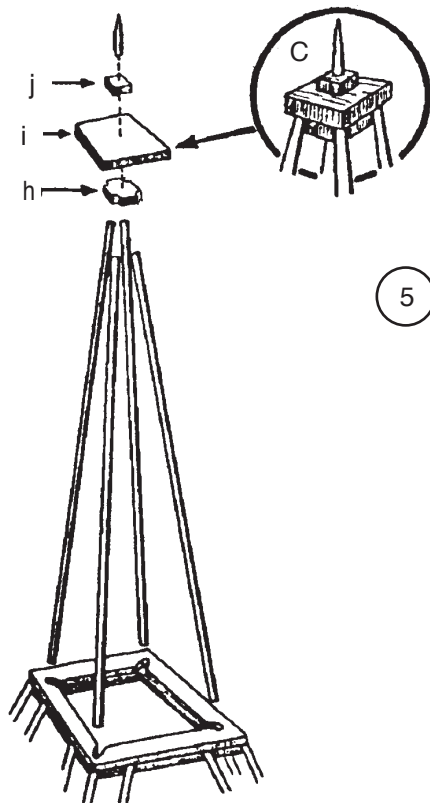
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- 3) Complete the base of the tower, by gluing the last corner together.



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- 4) Glue the two large cork squares (d,e) together as shown and fix them to the card flaps on the base top. Saw 4 lengths of the 3mm dia dowel to 8cm long. Glue these in the corner gaps of the base frame. Glue together the two smaller cork squares (f,g). Saw 12 lengths of the 3mm dia dowels to 8.5cm long. Glue these dowels between the notches in each corner of the larger cork base and the notches in the smaller cork base. This forms the outside structure between the base and first platform (see diagram A and B).



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- 5) Take part 'i' which measures 25 x 25mm and glue on underneath the square 'h' (15 x 15mm) which has notches in each corner. Now glue on the very top the tiny square 'j' (10x 10mm) on to which you glue the point of the tower (14mm long pointed dowel)

Remove the points from four dowels, ensuring that the dowels are all of equal length. Glue these between the notches in platform 'g' and the notches in the top platform 'h'.

- 6) All that is left now is to fill in the design of the triangular framework with the modelling sticks provided.

