**Device: Braille Graph**

The need for a special device to introduce the principles of graphs to blind learners was identified. Consequently, a board with pins representing numbers, and pins representing patterns of data on the graph were developed. The board features plotting holes into which the data pins are inserted. The board has the same dimensions as an A4 page and was designed in such a way that it would make it easier for the learner to find the data positions (coordinates) in order to plot the graph. The pins representing numbers are in braille format, and pins for constructing the graph plot are designed such so that a normal piece of string may fit into a groove in the pin.

Two sets of numbers (1-30) for the pins representing the numbers, and two sets of pins - representing X100 and X1000 – respectively, are provided. Ten plotting pins are also included in such a graph set.