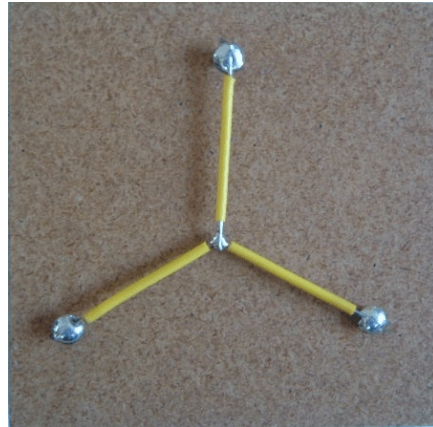
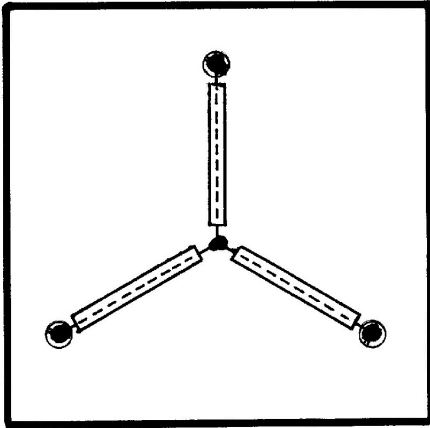


BGS Radio Society Soldering Competition



Here is some information on a soldering competition held in the Physics laboratory (Room 17) in the Autumn term 1955. Entrants brought and used their own soldering irons.

The following was supplied to each entrant:

- 1 off piece of hardboard, 3-inches square, into which was fitted three brass, countersunk woodscrews;
- 3 off lengths of 22 swg tinned copper wire, $1\frac{3}{8}$ -inches long;
- 3 off lengths of yellow 'Systoflex' sleeving, 1-inch long;
- 1 off length of 16 swg solder, 2-inches long;
- 1 off small piece of emery cloth.

The task was to solder wires from each of the three screws to the centre, a piece of sleeving being placed on each of the wires.

The precise details of the assessment are unclear, but among the criteria were:

- The length of time to complete the task;
- The amount of solder used, points being deducted for each 0.1-inch of solder used;
- Subjective assessment of the neatness, quality of soldered joints and whether the sleeving was burnt or charred;
- Weights were suspended from the central joint of the three wires to measure the strength of the assembly.

The number of competitors is unknown but it was thought to be around six.

According to the report in the Autumn 1955 *Bradfordian*, the competition was won by Tony Fell (later G3LXF), Bill Kaye (later G3NEK) being the runner up.

The Ham magazine, Vol 1, No 2 gives notice of another soldering competition on 15 November 1957 but this is not reported in the following issue of the magazine. It is not known whether in fact the competition took place or who the winners were.