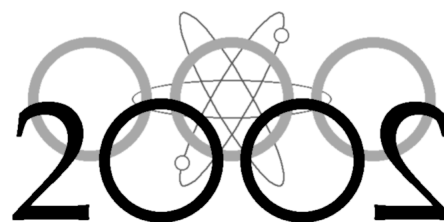
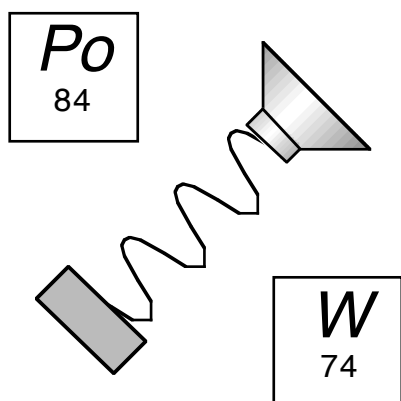


LIVERPOOL PHYSICS OLYMPICS



A Codec Moment

Aim To communicate the identity of two specified elements of the Periodic Table from one pair of team members to the other using an audio signal.

Apparatus 1 signal generator plus loudspeaker (per team)

Method After 10 minutes to discuss tactics, each team splits into two pairs (*A* and *B*) sited at different locations. Pair *A* is given the identity of two of the elements. Pair *A* must then communicate the symbols and numbers of the elements to pair *B* using an audio signal generator connected to a loudspeaker that pair *B* can hear.

Conditions Once the team pairs have separated into locations *A* and *B*, they cannot regroup to discuss tactics.

Time limit 10 minutes preparation plus 15 minutes communication.

Ranking The ranking order will be determined by the time taken to correctly identify the two elements (symbol and number), with a 5 minute penalty for each incorrect identification.

Team

Result

Symbol	Number

Do not write below line

Rank