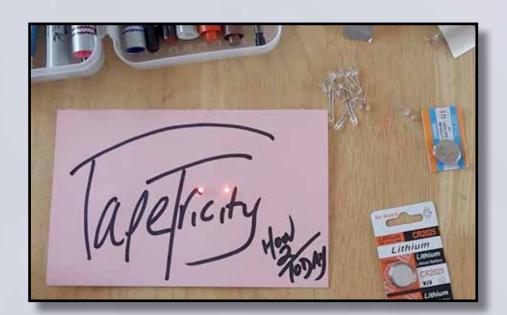






Tape electrics is a way of creating low voltage electrical circuits with aluminium tape instead of wire.

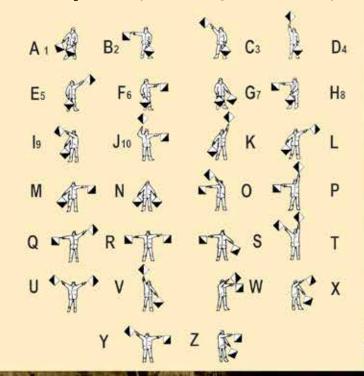
This is a great way to make all types of unusual stuff with blinking diode lights



Tape Blechrics



Semaphore (as seen by the receiver)



Semaphore Grid

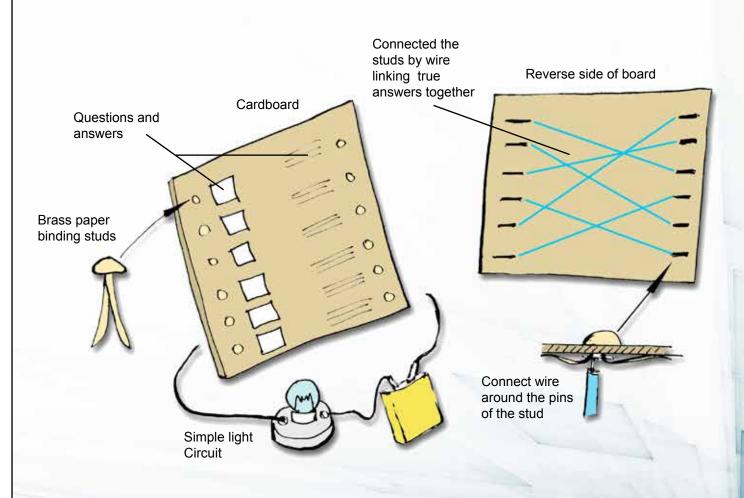
By using the semaphore grid it is easy to send a message without having to remember all the symbols – you just need to remember the symbols for the first five letters. It is always a good idea to write out your message before you start.

Example - the letter N is 4 and 3

Semaphore Grid



Semaphore



True or False Boards are a fun way of creating learning material. The questions and answers are set up in two lines and mixed up so that they don't line up beside each other.

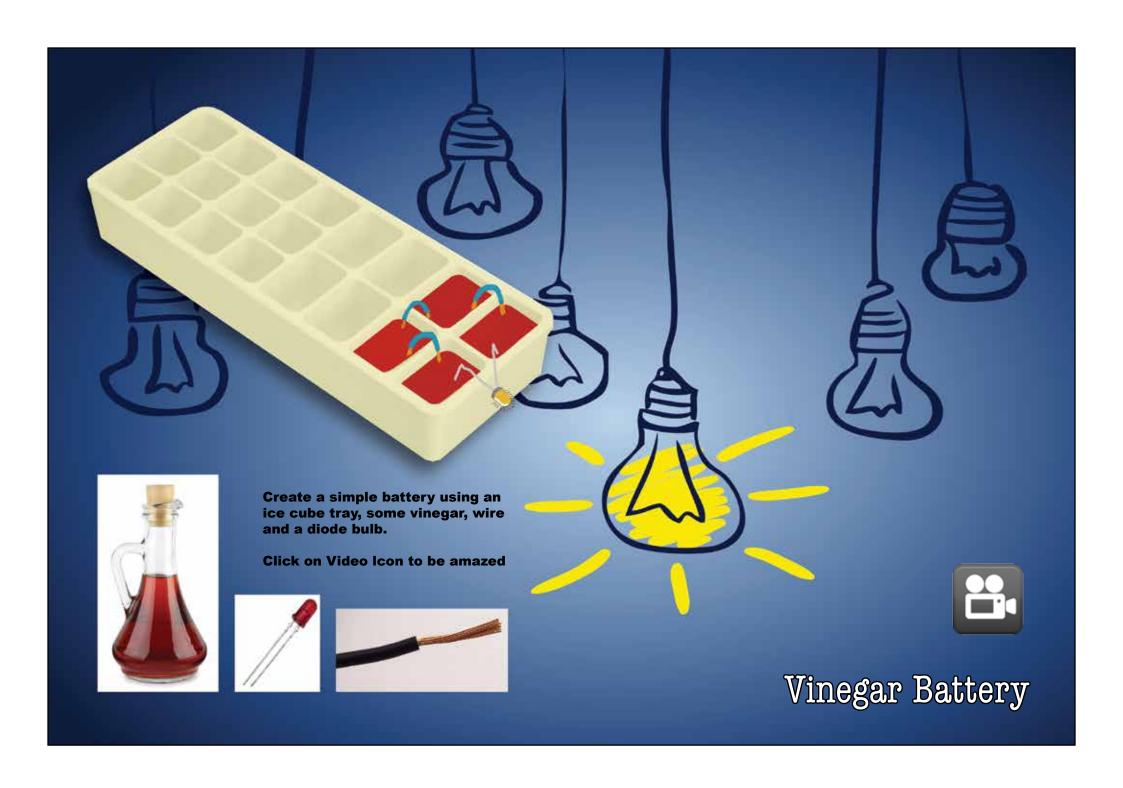
A brass paper binder is placed beside each question and answer.

The Scout then uses a simple light circuit to find out the correct answers by placing one side of the circuit on a question pin and trying to discover the answer - the light goes on when he/she is correct.

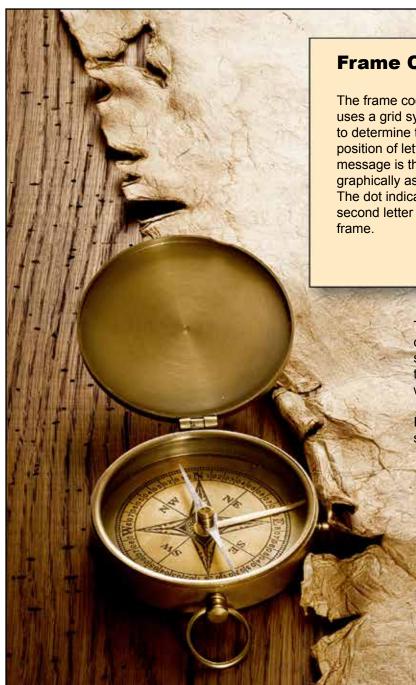
True or False Board





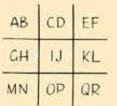


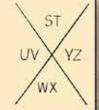


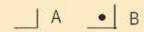


Frame Code

The frame code uses a grid system to determine the position of letters. The message is then written graphically as shown. The dot indicates the second letter in the









The Romans invented the stick code. This was created by winding a leather strip around a stick of a special thickness. The message was then written on the leather and when unravelled would appear to be random letters

It could only be decoded if you has a similar sized stick.



Code Wheel

A Code wheel is used to create secret messages by replacing one letter for another.

The first letter in the message is the letter that matches with A on the outer circle so it can be encoded

MEET AT THE CLOCK

PHFFJ PJ JAF NTVNC

Secret Codes



Phonetic Alphabet



Walkie Talkies

