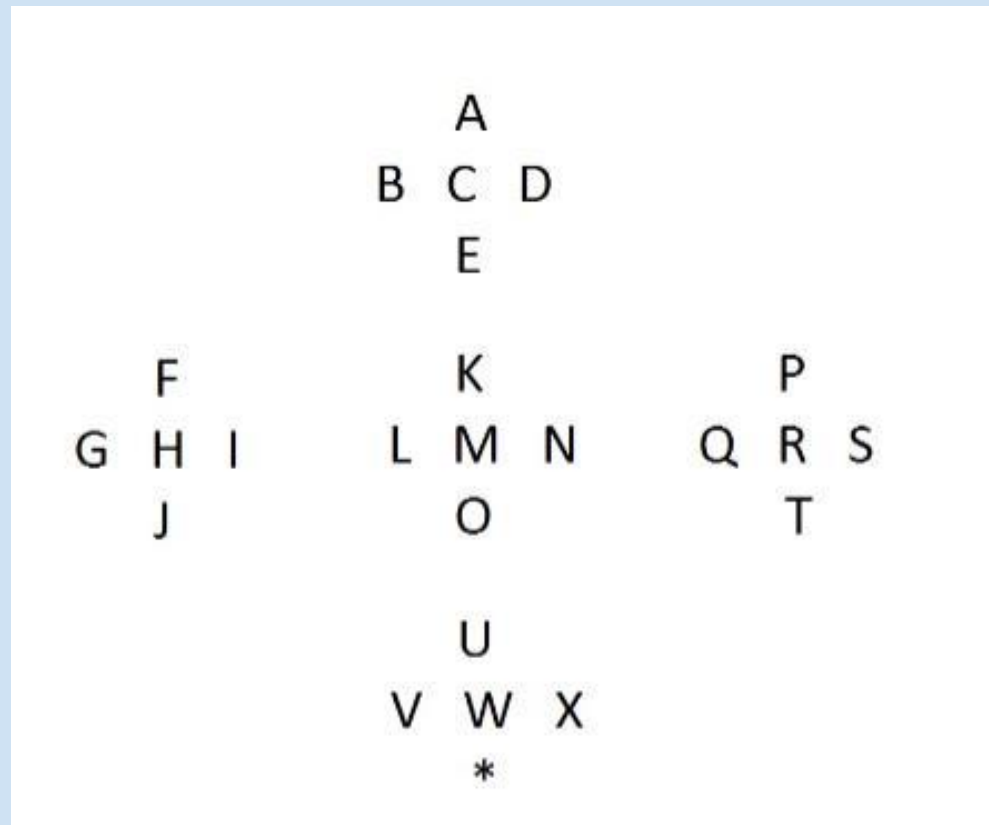


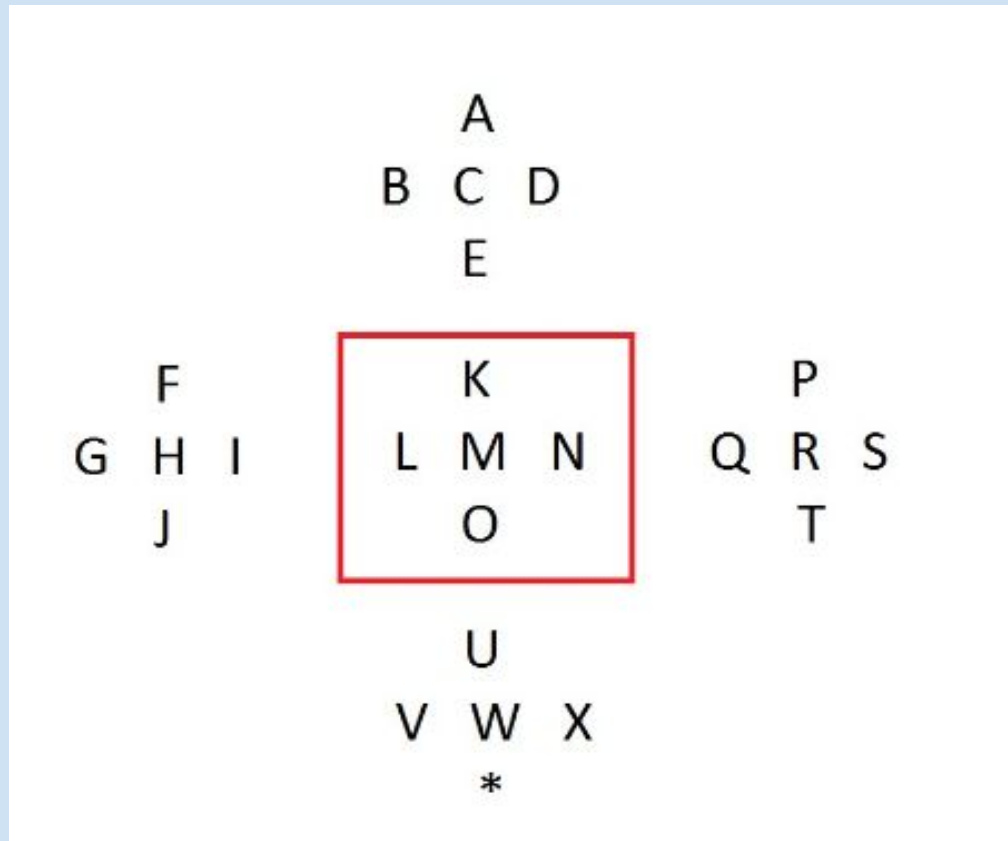
How it works

- Initially the person is shown a screen like the one below:



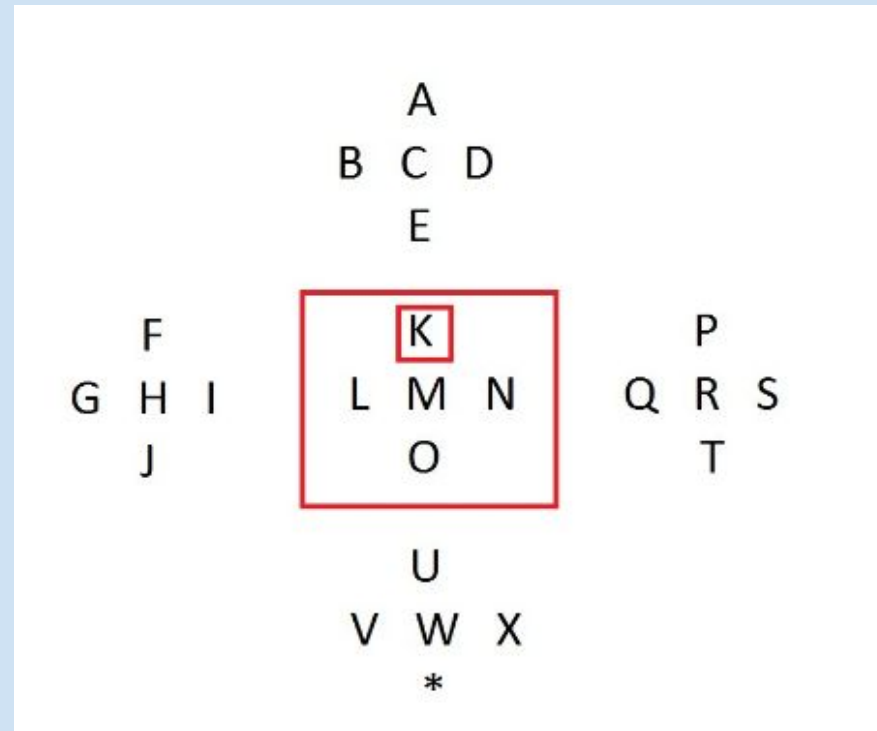
- User is asked to focus at the centre of the image.
- Here, the size of the face of user is captured and the different gaze thresholds are determined
- Then, upon achieving fixation, the gaze corresponding to the central portion is determined.

- Now the user sees the following screen:



- The red box indicates where the user is focusing.
- The user can move his head up-down, left-right and centre.

- Upon fixation, the user can select an alphabet from the selected alphabet group.
- GUI, now, looks as follows:



- The bottom box has a “*” which can indicate “y”, “z” or a “space”
- The top left corner on the GUI indicates the sentence being typed.