# Instructions

This experiment consists of a number of similar trials. Each trial in this experiment starts with the appearance of a fixation cross “+” in the center of the screen to help you to keep your gaze there. Remember to keep looking at the fixation cross and do not move your eyes away from it.

After a brief pause, an array of short lines will be shown. Most of these lines are vertical and black but some are not. Your task is to determine whether a **red, green, or blue line** was present in the array. Which of the three colors is the current target color to look for will be shown on the screen prior to each block of trials. If a line of the target color was present, you should press the 1 key on the numeric pad of the keyboard to indicate that you detected its presence. If the array did **not** contain the line of the specified target color, you should press the 2 key on the numeric pad, to indicate that there was no such line.

Please make sure that you place your hand so that it can rest comfortably and so that you can respond easily and without reaching. Try to respond as accurately as possible while also responding quickly. If your response is too late, it will be treated as incorrect. At the end of each trial you will see a brief feedback screen. If your response was correct you will see a happy smiley “:)”, but if it was incorrect you will see a sad smiley “:(” instead.

The trials in this experiment continue without interruption in a number of blocks. You can only take a break after a whole block, so if you need one then, do take it. It is important that you try to maintain the highest performance possible throughout the experiment.

Depending on the speed of your responses and the length of the breaks you take, the experiment may vary somewhat in duration, but it will end automatically. If you have any questions you can ask them now, after which the experiment will start with a number of practice trials.