VisuoMotor Adaptation RA Instructions

Welcome the subject

1) Ask them to leave their bags and phone in 202
   a. In particular, make sure that they don't carry their phone into the experiment room!
   b. Phones would be distracting during the study, particularly if they use a touch screen device it might interfere with the motor effects we are trying to observe. If the subject seems concerned, it would be enough to have them turn off their phone.
2) Have them look over and sign two consent forms
   a. Forms are stored in the file cabinet in 202, in the drawer labelled "VisuoMotor Adaptation". The folder is "Blank Consents".
   b. One copy is for our records, one is for the subject to keep.
   c. Consent form should be left in the room here the subject is to be run so that they may look over it alone.
3) Sign consent form yourself when they bring it back to you and place it in the file cabinet folder labelled "Signed Consents".

Instructions for the subject

1) Read the subject the instructions on the Intro Text form, stored in the corresponding cabinet folder. Give them a copy to keep. **If the participant number is even, please look for the instructions that emphasize on speed (this is written in bold on instructions to spot easily) If the participant number is odd, please look for instructions that emphasize on accuracy.**
2) State the following:
   a. "Make sure to try to focus your eyes on the dot marking the center of the screen throughout the experiment and keep both of your eyes open during the task."
   b. "Some people find this task monotonous and boring. To address this, you will be given periodic breaks which will be self-paced. Feel free to start the experiment whenever you are ready after the break. During the breaks, feel free to move around, but please restrain from using your phone or your laptop as that would affect the results we are trying to observe."
   c. "The Experiment doesn't end till you see the message, "Thank you for your participation!". The screen might restart a couple of times and that is a part of the experiment. Please continue till you see the thank you text"
3) Make sure that the chair is aligned with the blue tape
   a. Encourage subjects to adjust the chair themselves. Just make sure that the computer monitor is about 2 feet away from where they're sitting and that the center of the screen in is the center of their visual field
   b. For some subjects, this may require moving the keyboard closer or farther away, or the monitor up/down.
   c. If the tape is coming off and hard to see, let me know.
4) Make sure that the Screen brightness is not too high. Ask the subject if they are comfortable with the current brightness and if not, lower it.

5) Make sure that the mouse is centered in the space beside the keyboard and that the subject is comfortable with the mouse's position. Also make sure that the mouse is freely movable on the table. The experiment does not require specific keyboard inputs (except pressing any key to continue), so make sure that the keyboard or wires do not interfere with mouse movements.

Get the program running

1) Double-click on *VisuoMotor.bat* on the desktop to launch the program in Matlab.
   a. You will be prompted to enter subject number as an ID, subject number will be determined by the list of subjects that have already participated in the experiment. Do so and press enter to start the program.
   b. In case the participants ask, there is no separate mouse on the screen. The small dot at the center serves as the mouse cursor.
   c. The first block of the experiment has 8 practice trials. Please make sure that the participants go through those trials and get familiar with the task.

After subject finishes experiment

1) Ask subject what they thought of the experiment, make a note what they say about the experience. How well did they see things? Was it a hard task to do?
2) Give the subject a Debrief Form, found in the corresponding file cabinet folder.
3) Email me whenever a subject no-shows.

Misc.

1) The mice in the rooms run on batteries, so keep them switched off when the computers are not in use to avoid running the batteries down.
2) Don't hesitate to email me if something's up, or you just need clarification!