**Please follow this instruction exactly for each participants.**

**STUDY 1**

In this experiment, you will see an array of dots. These dots will turn green. You need to look at the one that turns green as quickly as possible. Any questions?

(Part 1 starts)

Now you can take a break. Let me know when you are ready for the second part of the experiment.

In this part of the experiment, you will see **another** array of dots. These dots will turn green. You need to look at the one that turns green as quickly as possible. Any questions?

(Part 2 starts)

Did you notice anything special about the dots?

* *If no, debrief (see debrief.docx – make sure you say, “***Because other students may be participating in this study in the future, we ask that you do not discuss the details of this study with your friends or classmates***”).*
* *If yes, ask* ***“what did you notice?”*** *Record verbal response in as much details as possible. If participant mentions something like “pattern”, ask* ***“Can you describe the pattern?”*** *Try to get as much details from participant as possible and record verbal response in as much details as possible.*

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**STUDY 2 and 3**

In this experiment, you will see an array of dots. One of them will turn green. Unless you look at the green dot, it will not move on to another location of the screen. Try to look at the correct dot before it turns green so that it moves on quicker to finish the task. Any questions?

(If participant asks “how do I know which is the correct dot?”, answer “you will know when it turns green”. If participant asks “then why don’t I just wait until it turns green and look at it?”, answer “because you need to finish the task quickly.”)

(Part 1 starts)

Now you can take a break. Let me know when you are ready for the second part of the experiment.

In this part of the experiment, you will see **another** array of dots. One of them will turn green. Unless you look at the green dot, it will not move on to another location of the screen. Try to look at the correct dot before it turns green so that it moves on quicker to finish the task. Any questions?

(Part 2 starts)

Did you notice anything special about the dots?

* *If no, debrief (see debrief.docx – make sure you say, “***Because other students may be participating in this study in the future, we ask that you do not discuss the details of this study with your friends or classmates***”).*
* *If yes, ask* ***“what did you notice?”*** *Record verbal response in as much details as possible. If participant mentions something like “pattern”, ask* ***“Can you describe the pattern?”*** *Try to get as much details from participant as possible and record verbal response in as much details as possible.*