**INSTRUCTIONS**

In this experiment, you will read a series of letter strings, words, and phrases, presented briefly on the screen one string/word at a time.

Each trial will start with a “+”. Then, you will see some letter string(s) and/or word(s). Your task is to read them attentively.

At the end of each trial, you will see an image (an object of a particular color, like a red boat, a blue cup, or a brown lamp). Sometimes, the image will be tilted, but the orientation of the image does not matter for your purposes.

Your task is to decide whether the image matches the word(s) you just read. There will be three types of trials. In one type of trials, you will read phrases like “red boat” or “blue cup”. In these trials, the image is a match only if BOTH the object and the color match the verbal description. For example, for “red boat”, an image of a red boat is a match, but an image of a red cup, a blue boat, or a blue cup is not a match.

In the second type of trials, you will read lists of words like “cup boat” or “lamp plane”. In these trials, the image is a match if the object matches EITHER of the words. The color is irrelevant for this task. For example, for “cup boat”, an image of a cup is a match, an image of a boat is also a match, but an image of a lamp is not a match.

Finally, in the third type of trials, you will read a consonant string followed by a word like “xch boat” or “mlpr cup”. In these trials, the image is a match if the object matches the word. The color is irrelevant for this task. For example, for “xch boat”, an image of a boat is a match, but an image of any other object is not a match.

In all trials, please press the LEFT key for match, and the RIGHT key for non-match. The image will only appear for a couple of seconds, so try your best to respond quickly.

For the MEG version only:

IMPORANT: Please try to blink as little as possible during the experiment. If you must blink, please blink during the image or between the trials not while you’re reading the words.

This experiment will consist of 4 “runs”, or sections, each lasting ~7.5 min (MEG version) / 5 runs, each lasting 5 min (fMRI version). You will have a chance to take a break after each run.

If you have any questions, please ask the experimenter now.