**INSTRUCTIONS**

In this experiment, each trial will start with a “+”, followed by some letter strings and/or words – presented one string/word at a time – and end with a cartoon image depicting a colored object, 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 read attentively and determine if the image matches the words 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 letter 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.

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.

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.

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