**INSTRUCTIONS FOR LEARNING PHASE**

**PART ONE**

In this task, you will see pictures of Man-made and Natural objects. For each picture, you will make either an UP response, or a DOWN response, using the Up and Down arrow keys. Over the course of this session, you will have to figure out which type of response (Up or Down) goes with which type of object (Man-made or Natural).

One particular category of object will ***typically*** go with one particular type of response. For some subjects, the Man-made objects will go with an UP response, but for others, it will be the Natural objects that go with an UP response. You will have to figure out which type of item goes with which type of object, by trial-and-error.

DOWN

UP



On each trial, press either the UP or DOWN arrow when the picture of the object comes onscreen. After you do so, the computer will then tell you whether that response on that trial was CORRECT or WRONG.



CORRECT!

The relationship between the type of object and the type of response (Up or Down) is not 100%, however. This relationship is ***probabilistic*** – that means that, for a given type of object, the ‘correct’ response will be UP (for example), **most of the time, but not always.** So, you will have to concentrate hard to figure out which type of object goes with an UP response **most of the time**, and which type of object goes with a DOWN response **most of the time.** The experimenter will ask you about this later on.

Sometimes, you will see a picture of a scene in the background while you are doing this task. This scene picture is not relevant to the task that you are doing at all, and you do not have to respond to it in any way. There is also no relationship between these background pictures and which type of item will be shown on that trial, or whether or not an UP or DOWN response will be correct. The only factor that determines whether an UP or a DOWN response is correct or not, on a given trial, is the category of the item picture itself.

By the end of this task, you should have a good idea which type of object goes with which type of response. Please do your best to figure this out over the course of this task. You will have two seconds to respond, for each item.

Note: by a ‘natural’ object, we mean one that is NOT man-made. Do also note that a plant that is also in a pot (which *is* man-made), still counts as a Natural object. Please ask the experimenter if anything is unclear.

**Please call the experimenter now**

Do not read the next part of the instructions until you are finished with the first stage of the experiment.

**PART TWO**

**INSTRUCTIONS**

Now you will do another task involving pictures of Natural and Man-made objects. This task is completely different to the task that you performed before.

On each trial, you will see a picture of an object in one of the four corners of the screen. Sometimes, the picture will be Upside Down. If the picture is Upside Down, press the Spacebar with your left hand, as soon as you see it.

If the picture is NOT upside-down, you will then have to decide whether the object is Man-made or Natural. Press the Left arrow if the item is Man-made, or the Right arrow key if it is Natural. Use your right hand for this response.

You will have two seconds to make your response, on every trial. On each trial, the computer will also tell you whether you were correct or wrong, in your response.



CORRECT!

Like before, you will also see a picture of a scene on some trials. These scene pictures are, like before, completely irrelevant to the task that you are performing, and there is no relationship between the pictures and what type of object you will see on each particular trial.

Try your best to be quick and accurate during this task. We will be watching your overall accuracy, and if your overall accuracy is very high (>95%), we will give you an extra £2 at the end of this study. So please do your best to respond as accurately as you can, on every single trial!

Note: by a ‘natural’ object, we mean one that is NOT man-made. Do also note that a plant that is also in a pot (which *is* man-made), still counts as a Natural object. Please ask the experimenter if anything is unclear.