

**PSYCHOLOGY SUBJECT POOL Research Alternative #5:
PsychSim 5: MIND-READING MONKEYS**

To complete this activity, you must do the following:

1. Print out this worksheet
2. Go to http://courses.bfwpub.com/arga/PsychSim_ARGA2/31_mind_reading_monkeys/index_angel.html . Please do *not* select the option to email answers to your instructor; you must turn in a hard copy of this worksheet.
3. Complete the worksheet, *in your own words*, and turn it in to **125 Moore Building by the due date given when you signed up.**

(PRINT THIS INFORMATION CAREFULLY!)

Name: _____ Subject Pool ID _____

PSYCH 100 Instructor/Section: _____

Signature(*required*)/Date: _____

This activity explores one of the brain mechanisms believed to foster the evolution of human language and culture. The focus of the activity is a simulated experiment in which you will play the role of a researcher who is recording from “mirror neurons” in the premotor cortex of monkeys as they perform various tasks or watch others perform those tasks.

Brain Regions

- Briefly describe the premotor cortex of the brain, including its location and function.

Neural Experiments

- In the first simulated experiment with Rizzo, a macaque monkey, a wooden block is placed in front of him and the results of his neural activity are graphed. What does the graph tell you about the activity of this neuron while Rizzo performed the action of grasping a wooden block? Does it appear that this neuron is “tuned” to respond to this particular action?

