Psyvivor 1 – Operant Conditioning

For your first group challenge, you will create some type of learning situation using Operant Conditioning. Each group will be given a reinforcement schedule (see below) that will ultimately decide the type of learning your subjects will undertake.

The experiment should be a “learning” situation with reinforcement given on your particular schedule.

Your group of subjects can be human or animal – minimum three subjects.

Ensure that your experiment is ethical and produces no harm to the subjects. Try to come up with an original experiment as opposed to something you find from the internet.

Ensure that you include the hypothesis. Your write-up should address the rate of learning acquired under this particular schedule, how would learning be different/the same on other schedules, any confounding variables that could have affected the learning etc.

Include a video (secretly filmed if need be) of your experiment – a youtube link is preferred.

For all Psyvivor challenges – you will usually get half the class to work on it, the rest to be done at your convenience on your time.

Please only include the names of people in your group who worked on this project – if you feel everyone deserves the mark, then include everyone’s names.

This challenge will be due on Tuesday October 12th at the start of class or earlier. If it is late, you will not have a chance at immunity BUT it will still be marked.

Hanna, Leandra, Issac, Monica, Kaya, Tannraj – continuous schedule

Madeline, Eason, Simran, Ceren, Faizal – Fixed Ratio

Jasleen, Carson, Siraj, Tara, Priya – Fixed Interval

Gia, Elijah, Casey, Mahima, Jeffrey, Fatima – Variable Interval

Rachel, Gina, Ryan, Anjali, Julius – Variable Ratio