Psyvivor 1 – Classical Conditioning

For your first group challenge, you will create some type of conditioning/learning situation using Classical Conditioning.

You can use a subject or a group of subjects – human or animal.

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 but if you must, check with me.

Ensure that in your write-up, you include the hypothesis and identify all the variables of a Classical Conditioning experiment. Also, include a solid conclusion as to what did/did not take place and why such things happened – talk about confounding variables and any other psychological phenomena we have discussed thus far.

Include a video (secretly filmed if need be) of your experiment via a youtube or other online link – please ensure that the link is emailed to me.

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

This challenge will be due on Monday October 17th emailed to me BEFORE THE START OF CLASS – only class time is today. Your experiment and video should be emailed to me at [rsangha@sd38.bc.ca](mailto:rsangha@sd38.bc.ca) and to all members of your class.

Examples:

A group of grade 8s (socially distanced) meet your group 3 times to work on a Psychology experiment on learning (you have made up some fake experiment) but in fact are being tested on classical conditioning. Each time they come in for the “experiment”, they are offered two different coloured Kool-Aid/beverage to choose from to drink while they are doing the “experiment”. Of the two colours, one of them is “off” in taste. Second meeting, same drinks same taste with the same coloured one being off in taste. Third meeting all drinks are fine but see which ones they choose – do they avoid the one that they were conditioned to.

A pre-selected student in class makes some noise (such as a bird sound or plays a buzzer/beep) and at the same time, a few students (part of the experiment) to the side/back of the class get up and dance. Most of the unaware/subject students should turn to see what is going on. This happens a few times – one student makes a noise, the others get up and dance. Finally, the student makes a noise but NO activity at the back of the class – this happens twice. Do students keep turning their heads? Were some conditioned.