PIGEONS' DISCRIMINATION OF PAINTINGS BY MONET AND PICASSO

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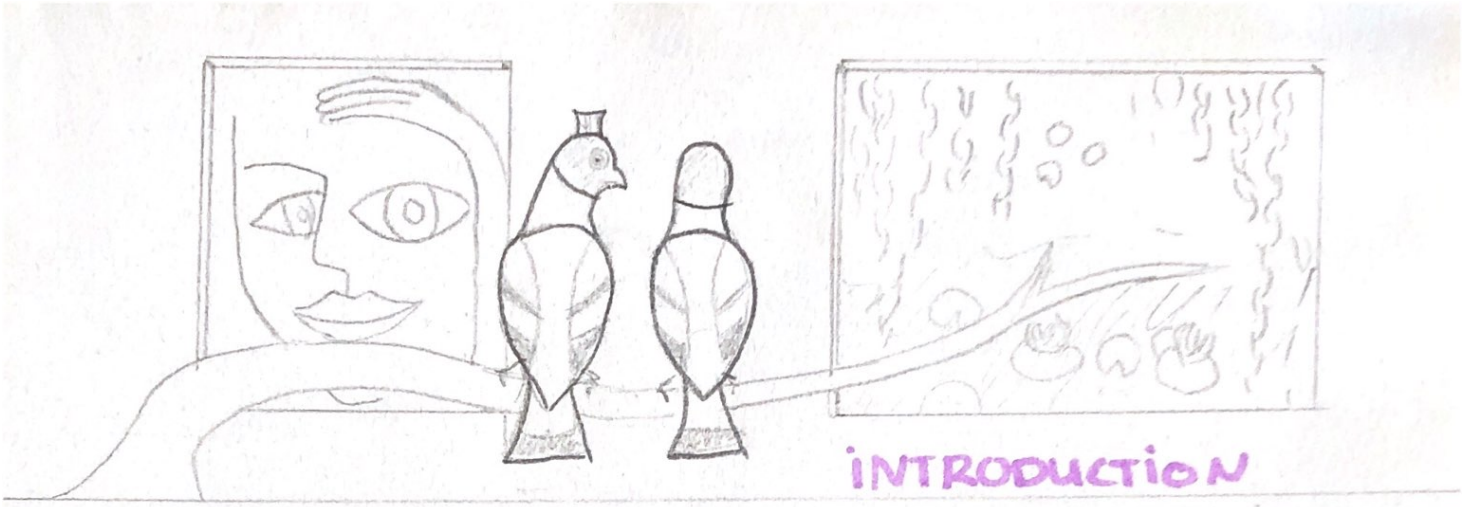
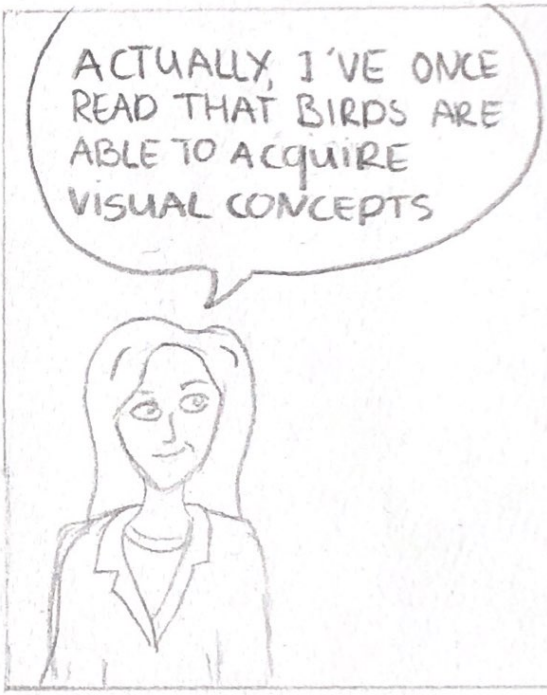


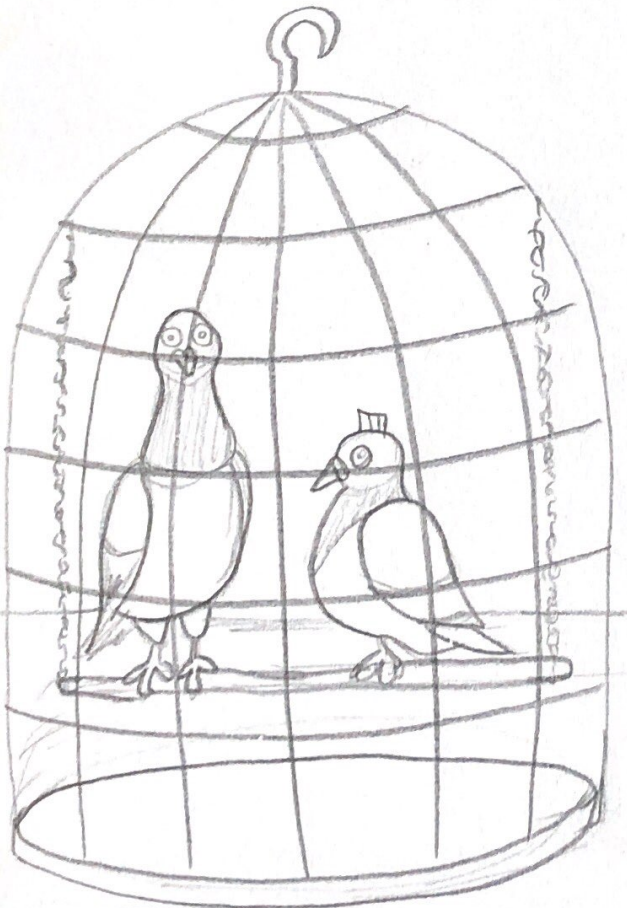
INTRODUCTION



I OWN SIX MORE PIGEONS AT HOME, LET'S CATCH THESE TWO AND WE HAVE OUR SUBJECTS!

METHOD

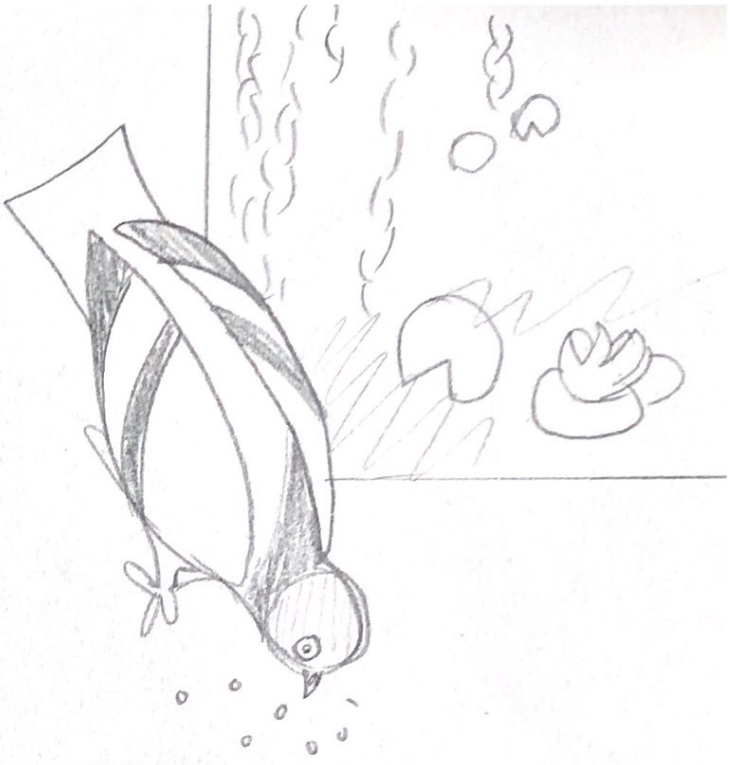
LET'S TRAIN THE PIDGEONS TO DISCRIMINATE BETWEEN PHOTO'S AND VIDEOS OF PAINTINGS BY MONET AND PICASSO



BUT HOW?!

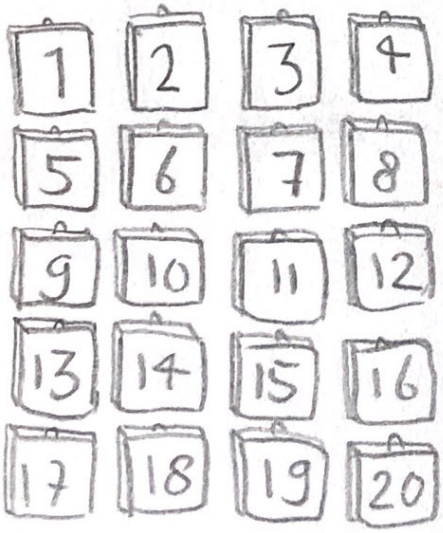
FIRST, BY TRAINING THEM TO PECK THE KEY ILLUMINATED BY A PROJECTOR LAMP WITHOUT ANY PAINTING STIMULUS. THEN WE WILL DIVIDE THE 8 BIRDS IN TWO GROUPS. THE MONET S+ GROUP AND THE PICASSO S+ GROUP

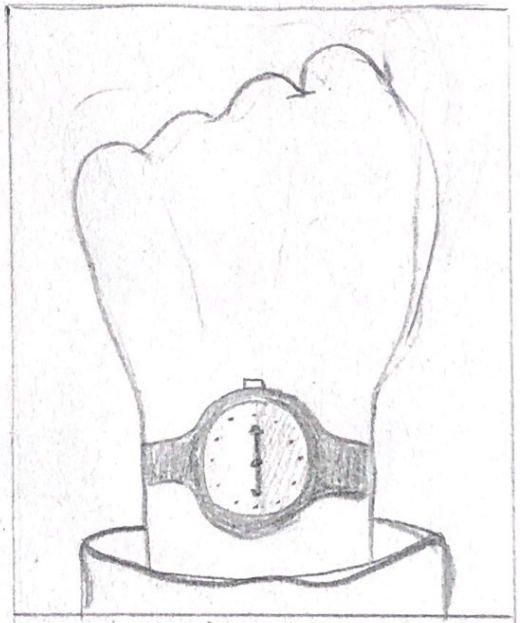
THE PICASSO S+ GROUP SHALL LEARN HOW TO RESPOND TO PAINTINGS OF PICASSO BY REWARDING THEIR CORRECT RESPONSES WITH SEEDS.



WE WILL DO THE EXACT SAME FOR THE MONET S+ GROUP, BUT THE OTHER WAY AROUND

EACH TRAING SESSION WILL CONSIST OF 20 RANDOMLY ORDERED PRESENTATIONS OF EACH PAINTING ONCE...





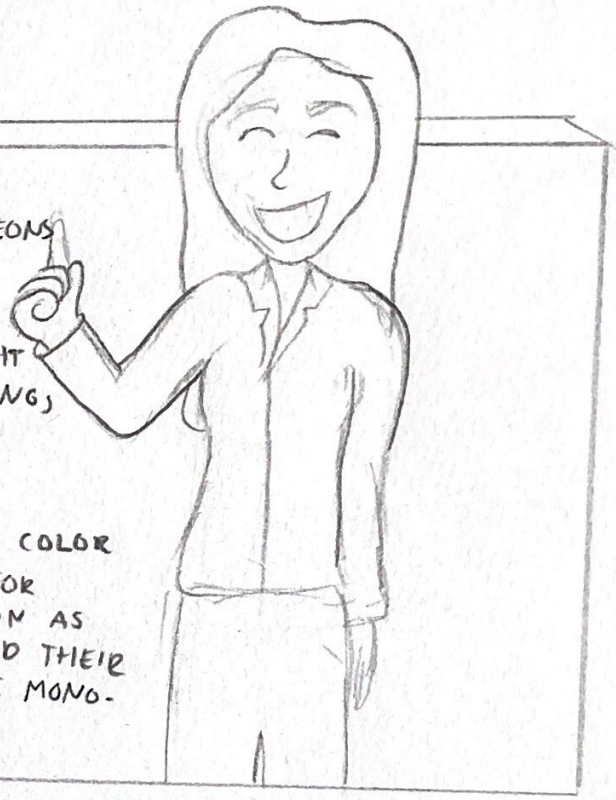
EACH LASTING 30 SECONDS...

SEPARATED BY A 5S BLACKOUT PERIOD

OKAY, SO WE HAVE HAVE TRAINED 8 PIGEONS ONCE A DAY. 4 ARE ASSIGNED TO THE MONET ST GROUP AND WERE REINFORCED BY A 4S ACCESS TO A FEEDER CONTAINING HEMP SEEDS WHEN THEY WERE CORRECTLY RESPONDING. RESPONSES TO PICASSO'S PAINTINGS WERE EXTINGUISHED
WE DISCUSSED THAT COLOUR IN THE PAINTINGS OF PICASSO MIGHT DIFFER FROM THOSE OF MONET AND THEREFORE MIGHT SERVE AS CUES FOR DISCRIMINATION
FOR THE PICASSO ST GROUP, THE SAME HAPPENED BUT THE OTHER WAY AROUND
FOR OUR FIRST EXPERIMENT, LET'S MAKE ALL THE PICTURES MONOCHROMATIC TO FIND OUT IF THIS IS THE DISCRIMINATION CUE
TEST 1
WE ALSO DISCUSSED THAT MOST PAINTINGS OF PICASSO HAVE SHARP COUNTOURS, BUT THOSE BY MONET DO NOT. WE WILL ALSO PRESENT THE TRAINING PAINTINGS OUT OF FOCUS TO EXAMINE THE ROLE OF CONTOUR.
TEST 2
AND THEN, MOST INTERESTINGLY, FIND OUT WHETHER THEY CAN DISCRIMINATE A MONET FROM A PICASSO!
TEST 3

RESULTS

SO, DURING THE TRAINING PERIOD WE SAW THAT PIGEONS RESPONDED MORE OFTEN TO SOME PAINTINGS THAN OTHERS. THEREFORE WE MIGHT CONCLUDE THAT SOME PAINTINGS ARE EASIER TO UNDERSTAND THAN OTHERS.



TEST 1

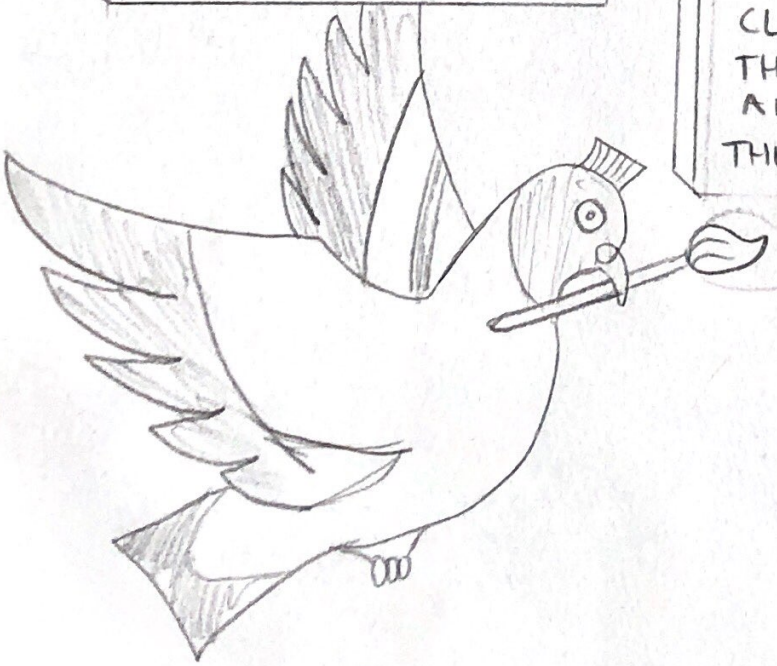
ALSO, WE FOUND THAT COLOR WAS NOT CRUCIAL CUE FOR PAINTING DISCRIMINATION AS ALL PIGEONS MAINTAINED THEIR DISCRIMINATION IN THE MONOCHROMATIC STIMULUS -test

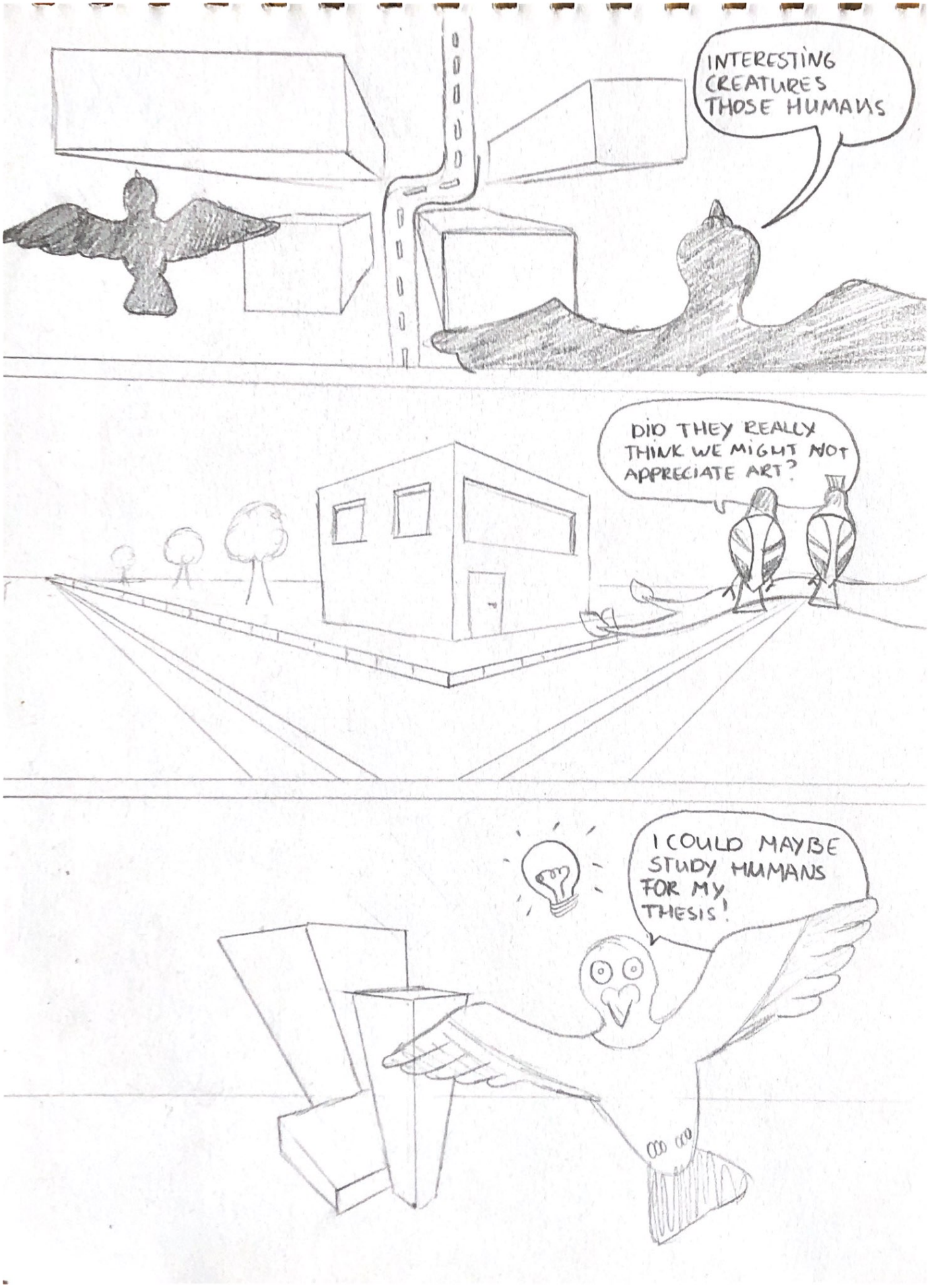
TEST 2

NOR DID WE FIND THAT SHARP OUTLINES PLAY A SIGNIFICANT ROLE IN THE DISCRIMINATION

TEST 3

THEN, LAST BUT NOT LEAST, THE RESULTS FROM THE LAST EXPERIMENT CLEARLY DEMONSTRATE THAT PIGEONS DO HAVE AN ABILITY TO ACQUIRE THE DISCRIMINATION!




INTERESTING CREATURES THOSE HUMANS
DID THEY REALLY THINK WE MIGHT NOT APPRECIATE ART?
I COULD MAYBE STUDY HUMANS FOR MY THESIS!