

How to Automate continued...

- change video sequence and feedback monitors.

Feedback monitors:



Video Sequence

Welcome to Surprising Minds!
Please press your face
into the mask.
DO NOT MOVE YOUR HEAD

Welcome screen: 5 seconds

CALIBRATING
THE SYSTEM



DO NOT
MOVE YOUR
HEAD

moving/
CALIBRATION (pulsing dots): ~ 7-8 sec.

[EXPERIMENT
CONTENT]
max 18 seconds

~~PLEASE~~
SEE EXTERNAL
SCREENS FOR
REPLAY

Replay: However long
replay takes
(approx. 25 seconds)

Repeat
Welcome
Screen
for one
frame
to set as
freeze
frame

- side panel signs:

Right hand panel

Watch a
30-second video
~~about the ocean~~
FOR SCIENCE!
While you watch, we'll
video record your eyes,
then replay the ^{recording} ~~video~~ so
you can see what your
eyes do when you look
at the world!

left hand panel

MARBLE
COLUMN

How does
this exhibit help
science?
In Neuroscience, most
studies of human behaviour
are conducted in a lab,
where it can be difficult
to find participants. ^{out of necessity,}
Studies of 10-50 humans
~~have~~ out of necessity, scientists
traditionally take what they
learn from 10-50 humans and

can be very misleading! Here at Sea Life, we can ask 50-100 humans per day to participate in our studies! This helps us ^{try to apply that to all humans - this} build a better scientific picture of human behaviour.

August 11, 2017

- create analysis folder on github for Surprising Minds, put curated dataset on folder
 - update Clive and Hazel and Ian about next steps for exhibit and Kerry!
 - start email thread about calibration and analysis of eye tracking data
- 2 sets: ① representatively "easy"
② full range of "easy" to hard videos

How to Automate Surprising Minds/other updates to exhibit:

- install other 2 screens:
(+ spotlight + new mask + plate) test

