Maker Challenge #14

Raspberry Pi Animal Cam

There are time lapse animal cams all over the world! Could you make your own? What does elapsed time mean? How do we measure days, minutes, seconds and milliseconds? Make sure to disguise your camera!

Basic video about Raspberry Pi

Time-lapse photography tutorial

Sample Outcomes:
Grade 3-6 Math Shape and Space Measurement
Math 20-4 Shape and Space Measurement

Raspberry Pi
Login in: pi
Password: raspberry
Desktop command: startx

***hint you will be using the LTX terminal on your Pi***

Code
raspistill -o cam.jpg (use this to test camera)
raspistill -o image_%04d.jpg -tl 60000 -t 7200000 (take a picture every minute for 2 hours)

Materials!
Raspberry Pi kit
Raspberry Pi Camera Module
Monitor, keyboard, mouse
Recycled materials to disguise you camera