GIANT LEAP
summer science workshops

ROBOTICS
SAMPLE SCHEDULE

DAY 1
o Introduction to the Raspberry Pi - showing how to operate & set up.
o Learning Linux and how to navigate it
o Finish with "scratch" to communicate through the programming language

DAY 2
o Using the pi to control leds
o Digital inputs (controlling a lamp)

DAY 3
o Setting up webcams
o Face detection
o Raspberry pi photobooth

DAY 4
o Using as a media player and controlling Christmas lights that dance to music
o Begin new project

DAY 5
o Examine other operating systems that can be run on the raspberry pi