Standing By 2017: Technical Production Showcase
Display Instructions for Melanie Miller
Introduction

The dragon puppet is in the middle of the space next to the hologram and operates on electronic control. The eyes are lit by a 2V LED running both red and blue channels and powered by an 8-pack battery pack and controlled by Arduino.

The head contains the Arduino (inside a plastic container with a green lid to protect from dust), a copper circuit board where everything is wired, and the LEDs. The battery packs are run down to the frame at the base of the dragon.

The fairy lights are at the base of the dragon and is fitted with a AA battery.

Please note that the 6-pack battery pack is defunct.

Start Up Procedure

Go to the base of the dragon and ensure there are batteries in the 8-pack.

Go to the base of the dragon turn on the fairy lights with the white button. If the fairy lights have reset, click the black button until the fairy lights fade in two alternating groups of lights.

Go to the head of the dragon and remove the drama block and place it in the corner between the hologram and the dragon plinth with the dragon portfolio open on top of it.

At the head of the dragon, flick the switch under the chin and the LEDs in the eyes will turn on. The colour may take a moment to appear as the Arduino is powering up.

Start Up Checks

The eyes of the dragon should be purple; if they are not, there may be a wiring issue or the batteries may be becoming flat. Change the batteries in the 8 pack and if this does not work, please call Melanie Miller, 0437 122 990

Shut down Procedure

At the head of the dragon, flick the switch under the chin and the LEDs in the eyes will turn off.

Place a drama block from between the hologram and the dragon plinth under the head overnight. You can place the portfolio on the ground.

Go to the base of the dragon and turn off the fairy lights with the white buttons.