

Magna – The 4 elements

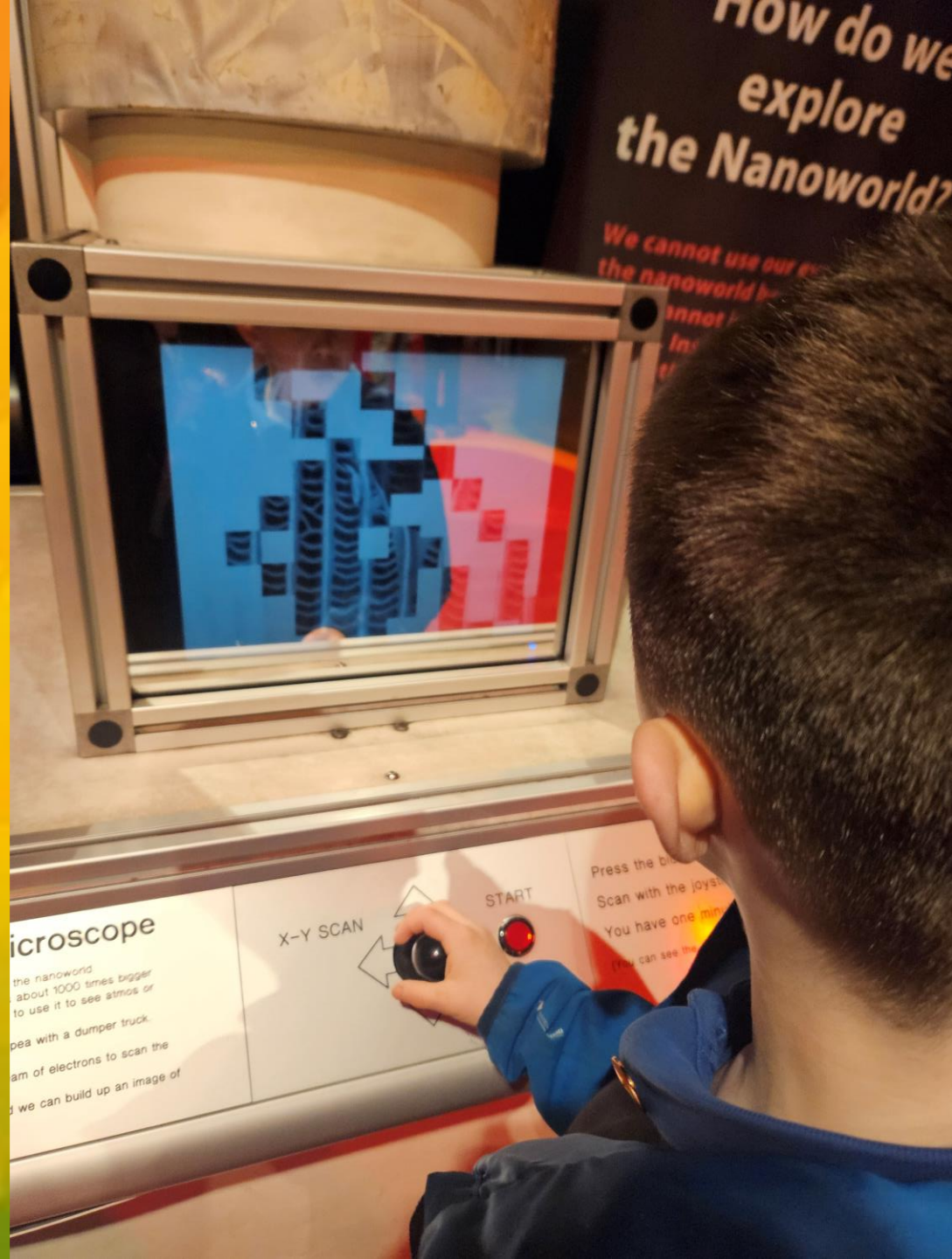
Science, History & Geography

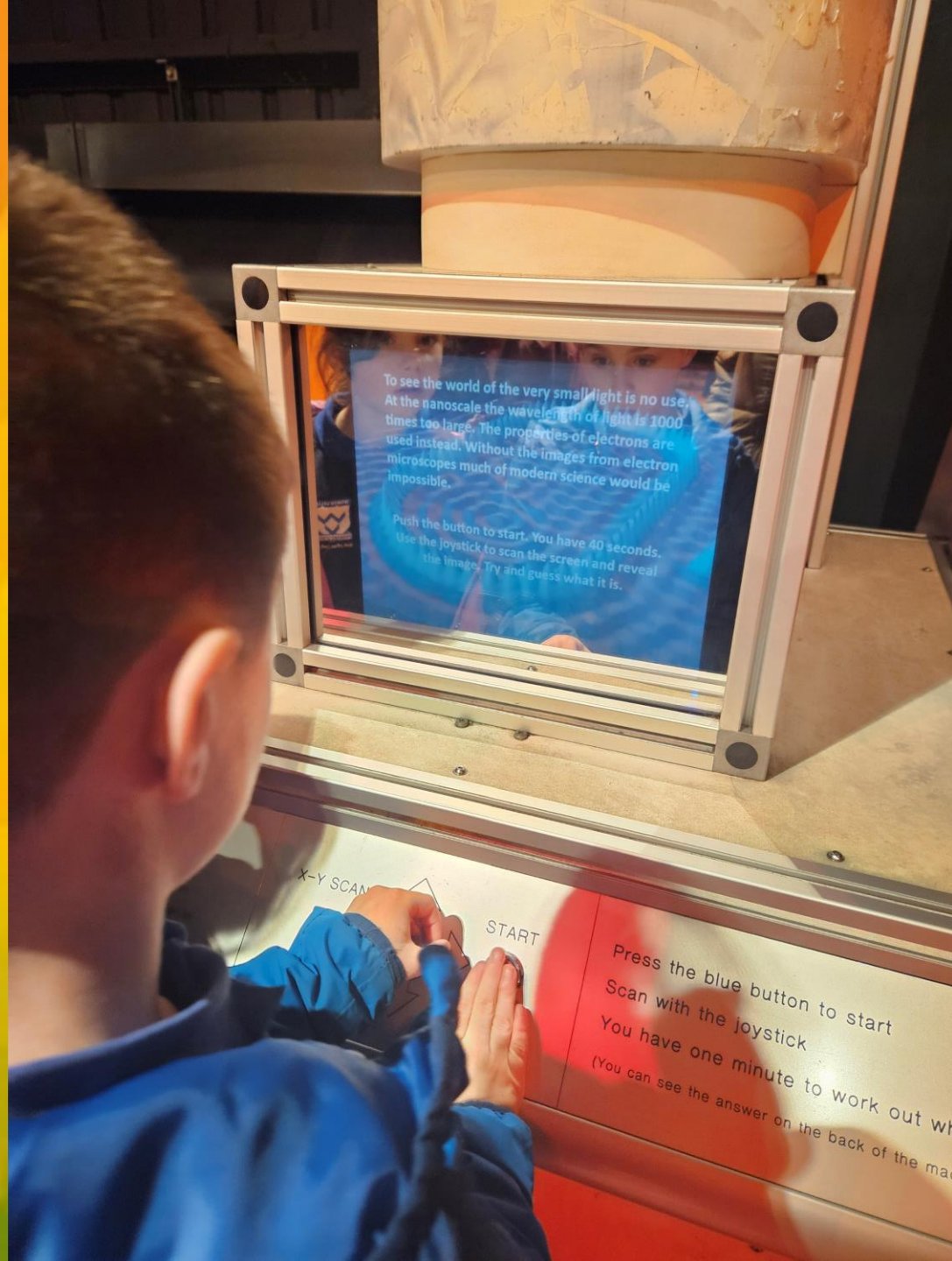
Fire

We observed the positive impact fire can have on every day lives. We dressed up as fire wardens from the Industrial Revolution and learnt about how it helped the steel industry within Sheffield. Our favourite part in this area was by far the fascinating fire tornado.









To see the world of the very small light is no use.
At the nanoscale the wavelength of light is 1000
times too large. The properties of electrons are
used instead. Without the images from electron
microscopes much of modern science would be
impossible.

Push the button to start. You have 40 seconds.
Use the joystick to scan the screen and reveal
the images. Try and guess what it is.

X-Y SCAN

START

Press the blue button to start
Scan with the joystick
You have one minute to work out what
(You can see the answer on the back of the machine)



Air

We enjoyed our time in the Air Pod, where we experienced gale force winds, learnt how to play music and caught pieces of material which were sent through tubes using air as a force.













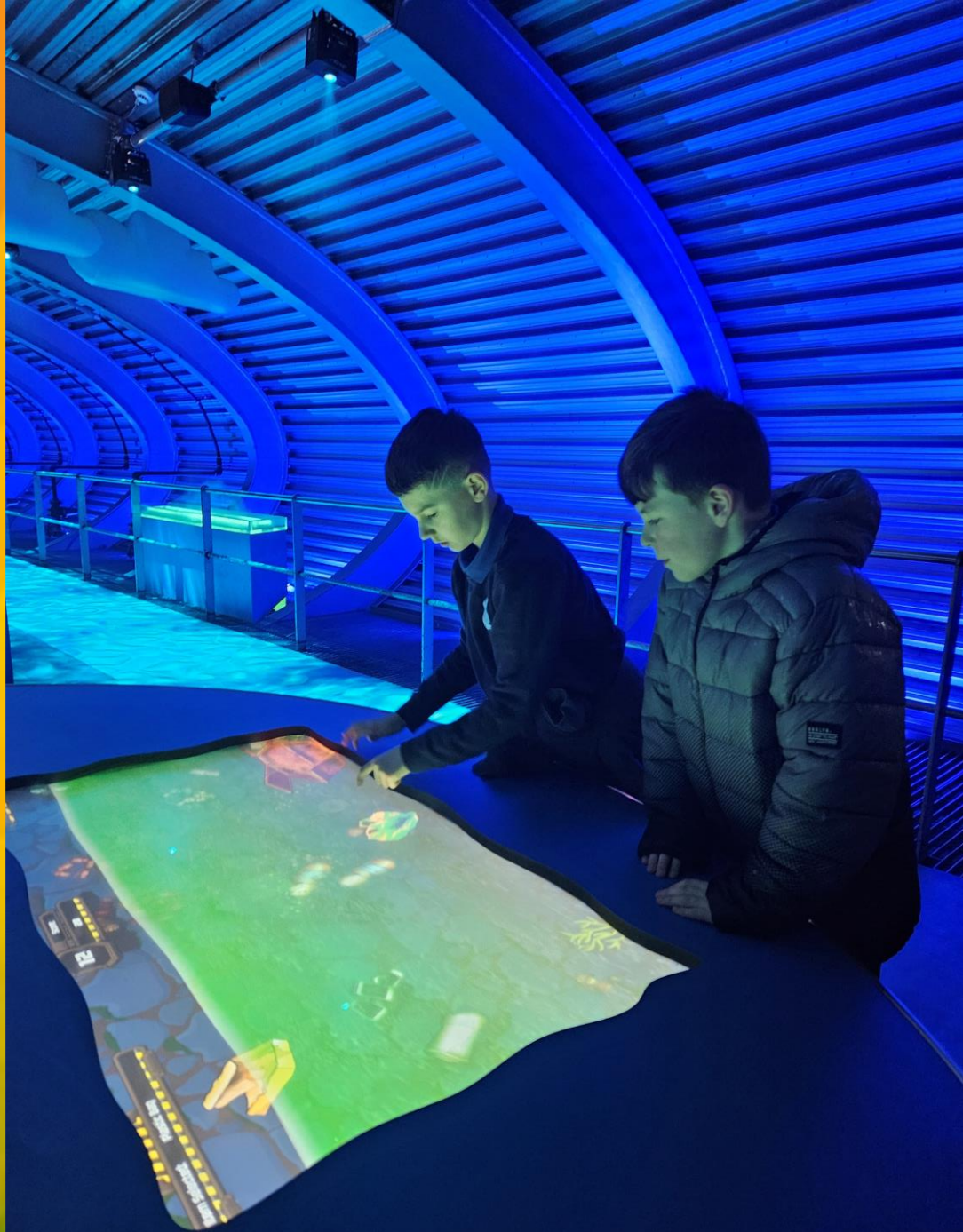


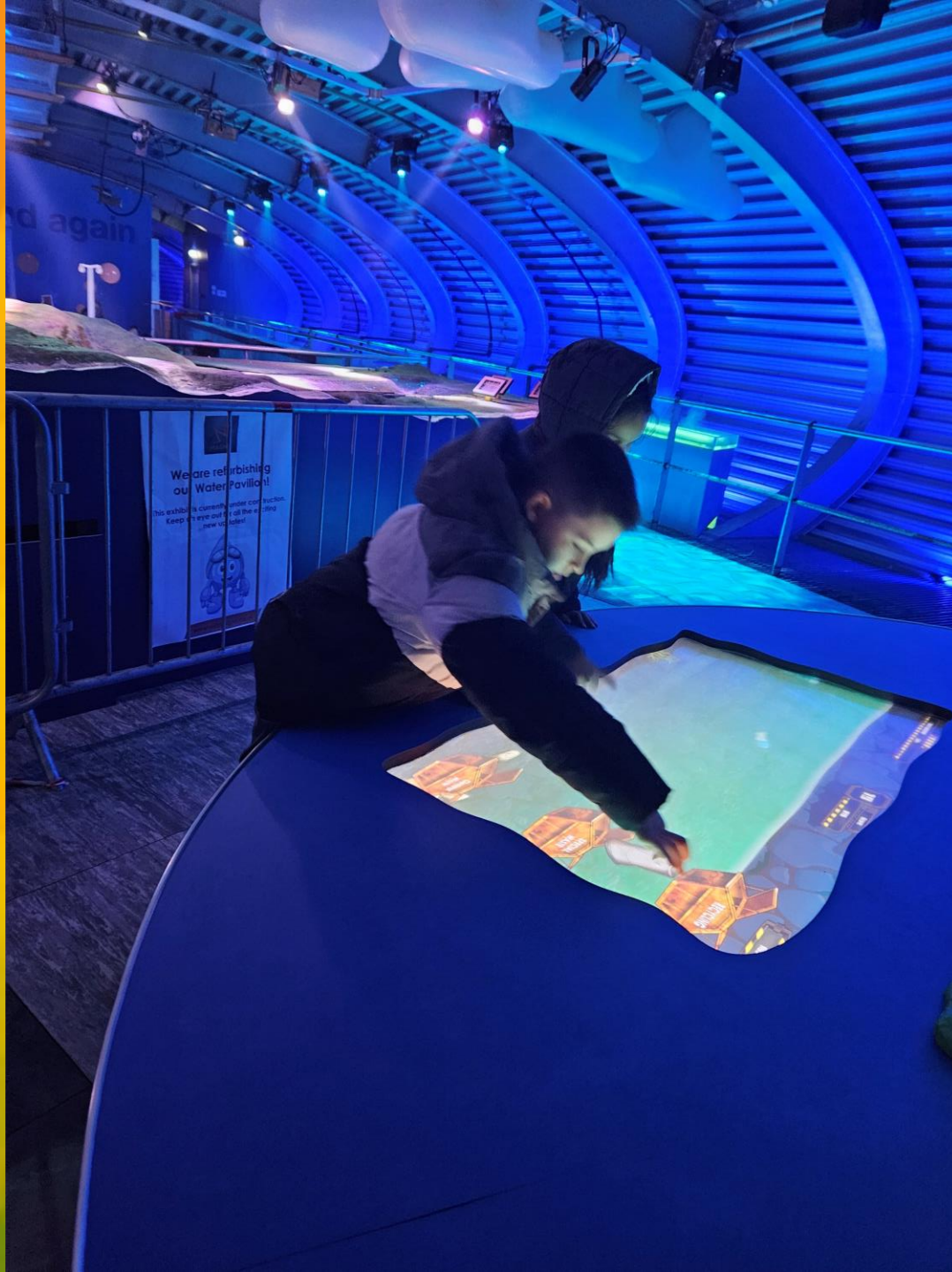
Water

We were never staying dry during this experience! We were 'rained on' as we entered the pavilion. We investigated how water was used as a force, how it solidified as ice and how it helped with transport during the Industrial Revolution.





























Earth

This area linked perfectly to our Geography topic from last half term on natural resources. We entered pretend mines, used an explosive simulator to blow up quarries, excavated using diggers and transported the stone through to production.































